Work Activities Performed This Date:

Reference (NAS ID #/Tech Spec #) Activity & Location Quantity Subcontractor

Started and finished excavating NLF-TP-10 location. 1 vehicle oil pan, 1 seeming structural member, 3 budweiser cans and 32 drum carcasses were observed in this test pit. The test pit was lined with geotextile and backfilled with landfill contents. Two soil samples were collected (18-NLF-TP-10-S01 and S02). Landfill contents in NLF-TP-10 extended to about 4' below 2018 ground surface. NLF-TP-10 was continued to about 8' depth to ensure there were no deeper waste layers.
Landfill cap soils removed from above first encounter with drums/garbage were placed into a single 9-yd supersack labeled 18-NLF-S-001 and moved to the waste staging area for waste characterization. 18-NLF-S-001 weighs approximately 17,400 pounds. One composite soil sample was collected periodically from the excavator bucket while loading 18-NLF-S-001.
5 dump truck loads of clean backfill were staged onsite for future use, including backfilling a new cap overtop NLF-TP-10 contents.
NLF-SB-06 was continued to refusal at approximately 64 feet bgs, to make sure there wasn't a lower aquifer. However, the boring sidewalls collapsed into the hole before well installation could be completed. A second NLF-SB-06 was started and completed immediately adjacent to the first. Water was observed at 38.4' bgs and the groundwater interface sample was retaken from 40-42 ft bgs as there was no return from the 35'-40'. NLF-MW-06 was installed and completed.
Additional sand bags were filled for future use.

Manpower and Equipment

Classification Number Hours Type Hours Used Hours Idle Hours Repair

Labor		
Name	**Description**	**Hours Worked**
Luke Hoffmann	FTL	15
Kim Holmes	Assistant FTL	15
Lexie Lucassen	Sample Manager	14
Nick Simmons	Environmental Sampler	14
Gary Erickson	Drilling Lead	12
Thomas Brunsvold	Drill Helper	12
Celestee Renae	Excavator Operator	12.5
Jeffry Orloff	Loader Operator	12.5
Holly Matson	Laborour	12.5
TOTAL MAN HOURS		

Equipment		
Make	**Model**	**Rate**
Ford	F350	Day
Chevy	Silverado 1500	Day
GMC	Flatbed	Day
Drill Rig	6712DT	Day
Cat Excavator	320D L	Day
Volvo Loader	180FL	Day
Dump Truck		Day
TOTAL EQUIPMENT HOURS		

Material Received to be incorporated into Job None ☐

Gasoline
*Loader needed additional coolant but was mistakenly filled with hydraulic coolant. It was drained and refilled while other activities were ongoing, with no resulting delay of work.

Instructions Given by the Government to the Contractor (Include names, reactions, and remarks.)

Verbal ☑ **Written** ☐ **None** ☐

Julie Sharp-Dahl (USACE PM) concurred onsite that 1) "landfill cap" means soils above drums or other garbage and 2) since NLF-TP 10 contents contained no source materials at risk of puncture, contents could be returned to hole in lieu of clean fill prior to drilling NLF-MW-10.

Work Progress		
	Are there any Contractor caused delays?	Yes ☐ No ☑
	Are there any Contractor-potential findings of fact?	Yes ☐ No ☑
	Are there any Government caused delays?	Yes ☐ No ☑
	Are there any Government-potential findings of fact?	Yes ☐ No ☑
	Are there any unforeseeable or weather related delays?	Yes ☐ No ☑

Rework Items Identified Today (Not corrected by COB)

None

Rework Items Corrected Today (From Rework Items List)

None

Remarks (Include any visitors to project and miscellaneous remarks pertinent to work.)

USACE Project Manager, Julie Sharp-Dahl onsite until mid-day departure.

The above report is complete and correct, and all work reported is believed, to the best of my knowledge, to be in compliance with state and federal requirements, and the contract specifications.

CQC System Manager Signature_____ **Date**_____

Site Manager Signature  **Date** 7-20-18

Contracting Entity Authorized Representative Quality Assurance Comments

Concurs with the QC report? Yes No

Additional comments or exceptions:

QAR Signature_____ **Date**_____

Figure 1: North Landfill Overview, starting Test-Pit NLF-TP-10. View SW.

Figure 2: Excavator picking drum from North Landfill. View SW.

Figure 3: NLF-TP-10 contents (drums). View SW.

Figure 4: NLF-TP-10 contents and pit at end of excavation. View SW.

Figure 5: PCB waste labeling at staging area.

Figure 6: Making sand bags. View E.

Figure 7: Drilling NLF-SB-06. View E.

Figure 4: NLF-MW-06 completion. View E.

Environmental Quality Control/Quality Assurance Report

(ER 415-1-302)

Contract Number / Task Order Number	UPC/Project Title
W911KB-17-D-0019/W911KB17F0078	Port Heiden RRS Landfill (LF007) Supplemental RI

CQC Report Number	Date or Time Period	Location and Team
	7/21/2018	PH NLF Team

Weather Conditions

				Contractor
Temp Low (F°)	43	**Temp High (F°)**	60	Ahtna Environmental, Inc.
Max Wind Speed (mph)	55	**Conditions**	Rainy and windy	

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory ☐
Initial ☐
Follow-Up ☐

N/A

Was the construction deficiency tracking list updated this date? Yes ☐ No ☑

Field Screening and Testing

Has field screening been performed this date? Yes ☐ No ☑

Type of test / QTY:	Notes:	Results:
N/A		

Have Data Quality Objectives been achieved? N/A ☐ Yes ☑ No ☐

Have Samples Been Collected for Laboratory Analysis? Yes ☑ No ☐

Type of Test EPA U.S. Environmental Protection Agency Test Method/Matrix Quantity of Samples

Type of test / QTY:	Method/Matrix:	Results:
2 Samples from NLF-SB-07 boring	COPC suite per WP Worksheet #18 / Soil	
2 Samples from NLF-TP-08 test pit	COPC suite per WP Worksheet #18 / Soil	
2 Samples from NLF-TP-09 test pit	COPC suite per WP Worksheet #18 / Soil	
1 composite sample from NLF-S-002	PCBs / Soil	

Have required amount of QC trip blanks and rinsates been achieved? N/A ☐ Yes ☑ No ☐
Have appropriate QC laboratory tests been ordered? N/A ☐ Yes ☑ No ☐
Have QA and QC samples been collected in the specified quantity? N/A ☐ Yes ☑ No ☐
Have samples been properly labeled and packaged? N/A ☐ Yes ☑ No ☐

Health and Safety

Worker protection levels this date: **Level A** ☐ **Level B** ☐ **Level C** ☐ **Level D** ☑
Was any work activity conducted within a confined space? Yes ☐ No ☑
Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes ☐ No ☑
Were approved decontamination procedures used on workers and equipment as required? Yes ☑ No ☐
Was a Job Safety Meeting held this date? Yes ☑ No ☐
Were there any lost time accidents this date? **(If YES, attach copy of completed accident report)** Yes ☐ No ☑
Was hazardous waste/material released into the environment? Yes ☐ No ☑

Safety Comments: Morning Safety Tailgate was performed. All daily tasks discussed during meeting were properly executed throughout the day.

Work Activities Performed This Date:

Reference (NAS ID #/Tech Spec #) Activity & Location Quantity Subcontractor

Started and finished excavating NLF-TP-08. One drum (damaged and empty), 1-inch steel pipe, and some cable was observed in this test pit. The test pit was lined with geotextile and backfilled with landfill contents. Two soil samples were collected (18-NLF-TP-08-S01 and S02). Landfill contents in NLF-TP-08 extended to approximately 1.5 feet below 2018 ground surface. NLF-TP-08 was continued to about 8-feet depth to ensure there were no deeper layers. Test pit cap soils removed were placed into a single 9-yd supersack (NLF-S-002) and moved to the waste staging area for waste characterization. NLF-S-002 weighed about 22,400 pounds. One composite soil sample was collected from the excavator bucket during the removal process.

Started and finished excavating NLF-TP-09. Ten drums (damaged and holey - 3 contained some rainwater), and three aluminum beer cans were observed in this test pit. A crushed battery was also observed approximately 5 feet south of this test pit. The test pit was lined with geotextile and backfilled with landfill contents. Two soil samples were collected (18-NLF-TP-09-S01, and S02). Landfill contents in NLF-TP-09 extended to approximately 4.5 ft. below 2018 ground surface. NLF-TP-09 was continued to about 7 ft. in depth to ensure there were no deeper layers. Test pit cap soils removed were placed into 1/2 of a single 9-yd supersack (NLF-S-003). One composite soil sample was collected from the excavator bucket during the removal process and will be combined with the rest of the composite .

NLF-SB-07 was started and completed. Groundwater was encountered at approximately 30.5-feet below ground surface (ft bgs). Two soil samples were collected (18-NLF-SB-07-S01 and S02). NLF-MW-07 was installed with screening from 27-37 ft bgs.

Manpower and Equipment

Classification Number Hours Type Hours Used Hours Idle Hours Repair

Labor		
Name	**Description**	**Hours Worked**
Luke Hoffmann	FTL	14
Kim Holmes	Assistant FTL	14
Lexie Lucassen	Sample Manager	13
Nick Simmons	Environmental Sampler	13
Gary Erickson	Drilling Lead	13
Thomas Brunsvold	Drill Helper	13
Celestee Renae	Excavator Operator	11
Jeffry Orloff	Loader Operator	11
Holly Matson	Laborour	11
TOTAL MAN HOURS		

Equipment		
Make	**Model**	**Rate**
Ford	F350	Day
Chevy	Silverado 1500	Day
GMC	Flatbed	Day
Drill Rig	6712DT	Day
Cat Excavator	320D L	Day
Volvo Loader	180FL	Day
TOTAL EQUIPMENT HOURS		

Material Received to be incorporated into Job None

N/A

Instructions Given by the Government to the Contractor (Include names, reactions, and remarks.)

Verbal ☑ **Written** ☐ **None** ☐

N/A

Work Progress		
	Are there any Contractor caused delays?	Yes ☐ No ☑
	Are there any Contractor-potential findings of fact?	Yes ☐ No ☑
	Are there any Government caused delays?	Yes ☐ No ☑
	Are there any Government-potential findings of fact?	Yes ☐ No ☑
	Are there any unforeseeable or weather related delays?	Yes ☐ No ☑

Rework Items Identified Today (Not corrected by COB)

None

Rework Items Corrected Today (From Rework Items List)

None

Remarks (Include any visitors to project and miscellaneous remarks pertinent to work.)

None

The above report is complete and correct, and all work reported is believed, to the best of my knowledge, to be in compliance with state and federal requirements, and the contract specifications.

CQC System Manager Signature_____ **Date**_____

Site Manager Signature  **Date** 7-21-18

Contracting Entity Authorized Representative Quality Assurance Comments

Concurs with the QC report? Yes No

Additional comments or exceptions:

QAR Signature_____ **Date**_____

Figure 1: Testpit NLF-TP-08 activities. View NW.

Figure 2: Testpit NLF-TP-09 activities. View NW.

Figure 3: Testpit NLF-TP-09 contents.

Figure 4: Testpit NLF-TP-09 excavation.

Environmental Quality Control/Quality Assurance Report

(ER 415-1-302)

Contract Number / Task Order Number	UPC/Project Title
W911KB-17-D-0019/W911KB17F0078	Port Heiden RRS Landfill (LF007) Supplemental RI

CQC Report Number	Date or Time Period	Location and Team
	7/22/2018	PH NLF Team

Weather Conditions

Temp Low (F°)	45	**Temp High (F°)**	61
Max Wind Speed (mph)	15	**Conditions**	Partially cloudy

Contractor

Ahtna Environmental, Inc.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory ☐
Initial ☐
Follow-Up ☐

N/A

Was the construction deficiency tracking list updated this date? Yes ☐ No ☑

Field Screening and Testing

Has field screening been performed this date? Yes ☐ No ☑

Type of test / QTY:	Notes:	Results:
N/A		

Have Data Quality Objectives been achieved? N/A ☐ Yes ☑ No ☐

Have Samples Been Collected for Laboratory Analysis? Yes ☑ No ☐

Type of Test EPA U.S. Environmental Protection Agency Test Method/Matrix Quantity of Samples

Type of test / QTY:	Method/Matrix:	Results:
2 Samples from NLF-SB-09 boring	COPC suite per WP Worksheet #18 / Soil	
2 Samples from NLF-SB-08 boring	COPC suite per WP Worksheet #18 / Soil	
2 Samples from NLF-TP-11 test pit	COPC suite per WP Worksheet #18 / Soil	
2 Samples from NLF-TP-13 test pit	COPC suite per WP Worksheet #18 / Soil	
1 composite sample from NLF-S-003	PCBs / Soil	
1 composite sample from NLF-S-004	PCBs / Soil	
1 composite sample from NLF-S-005	PCBs / Soil	

Have required amount of QC trip blanks and rinsates been achieved? N/A ☐ Yes ☑ No ☐
Have appropriate QC laboratory tests been ordered? N/A ☐ Yes ☑ No ☐
Have QA and QC samples been collected in the specified quantity? N/A ☐ Yes ☑ No ☐
Have samples been properly labeled and packaged? N/A ☐ Yes ☑ No ☐

Health and Safety

Worker protection levels this date: **Level A** ☐ **Level B** ☐ **Level C** ☐ **Level D** ☑
Was any work activity conducted within a confined space? Yes ☐ No ☑
Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes ☐ No ☑
Were approved decontamination procedures used on workers and equipment as required? Yes ☑ No ☐
Was a Job Safety Meeting held this date? Yes ☑ No ☐
Were there any lost time accidents this date? **(If YES, attach copy of completed accident report)** Yes ☐ No ☑
Was hazardous waste/material released into the environment? Yes ☐ No ☑

Safety Comments: Morning Safety Tailgate was performed. All daily tasks discussed during meeting were properly executed throughout the day.

Work Activities Performed This Date:

Reference (NAS ID #/Tech Spec #) Activity & Location Quantity Subcontractor

Started and finished excavating NLF-TP-11. Fifteen drums (not intact), a twisted vehicle frame and other miscellaneous metal fragments (most metal seems associated with building materials and framing), a grader blade, and a damaged radiator were observed in this test pit. The test pit was lined with geotextile and backfilled with landfill contents. Two soil samples were collected (18-NLF-TP-11-S01 and S02). Landfill contents in NLF-TP-11 extended to approximately 9-feet below 2018 ground surface. NLF-TP-11 was continued to about 12-foot depth to ensure there were no deeper layers. Test pit cap soils removed and filled the remainder of NLF-S-003 and another entire 9-yd supersack (NLF-S-004). The waste was moved to the staging area for waste characterization. NLF-S-003 weighed about 18,000 pounds, NLF-S-004 weighed about 17,800 pounds. One composite soil sample was collected from the excavator bucket during the removal process.

Started and finished excavating NLF-TP-13. Metal fragment debris, light bulbs, and welding rods were as observed in this test pit. A white powdery substance was also observed comingled within the metal debris. The test pit was lined with geotextile and backfilled with landfill contents. Two soil samples and a duplicate were collected (18-NLF-TP-13-S01, S02 and S03 (duplicate)). Landfill contents in NLF-TP-13 extended to approximately 4.5-feet below ground surface (ft bgs) 2018 ground surface. NLF-TP-13 was continued to about 8 ft bgs depth to ensure there were no deeper layers. Test pit cap soils removed were placed in a single 9-yd supersack (NLF-S-005) and moved to the waste staging area for waste characterization. One composite soil sample was collected from the excavator bucket during the removal process.

NLF-SB-09 was started and completed. Groundwater was encountered at approximately 25.5-feet below ground surface (ft bgs). Two soil samples were collected (18-NLF-SB-09-S01 and S02). NLF-MW-09 was installed with screening from 23-33 ft bgs. The well was measured again later in the day with groundwater measured at 24.9 ft bgs.

NLF-SB-08 was started and completed. Groundwater was encountered at approximately 38.7-feet below ground surface (ft bgs). Two soil samples were collected (18-NLF-SB-08-S01 and S02). NLF-MW-08 was installed with screening from 37-47 ft bgs.

Well development at NLF-MW-06 was started but not completed.

Manpower and Equipment

Classification Number Hours Type Hours Used Hours Idle Hours Repair

Labor		
Name	**Description**	**Hours Worked**
Luke Hoffmann	FTL	15
Kim Holmes	Assistant FTL	15
Lexie Lucassen	Sample Manager	14
Nick Simmons	Environmental Sampler	14
Gary Erickson	Drilling Lead	14
Thomas Brunsvold	Drill Helper	14
Celestee Renae	Excavator Operator	12
Jeffry Orloff	Loader Operator	12
Holly Matson	Laborour	12
TOTAL MAN HOURS		

Equipment		
Make	**Model**	**Rate**
Ford	F350	Day
Chevy	Silverado 1500	Day
GMC	Flatbed	Day
Drill Rig	6712DT	Day
Cat Excavator	320D L	Day
Volvo Loader	180FL	Day
TOTAL EQUIPMENT HOURS		

Material Received to be incorporated into Job None ☐

N/A

Instructions Given by the Government to the Contractor (Include names, reactions, and remarks.)

Verbal ☑ **Written** ☐ **None** ☐

Work Progress	Are there any Contractor caused delays?	Yes ☐ No ☑
	Are there any Contractor-potential findings of fact?	Yes ☐ No ☑
	Are there any Government caused delays?	Yes ☐ No ☑
	Are there any Government-potential findings of fact?	Yes ☐ No ☑
	Are there any unforeseeable or weather related delays?	Yes ☐ No ☑

Rework Items Identified Today (Not corrected by COB)

None

Rework Items Corrected Today (From Rework Items List)

None

Remarks (Include any visitors to project and miscellaneous remarks pertinent to work.)

None

The above report is complete and correct, and all work reported is believed, to the best of my knowledge, to be in compliance with state and federal requirements, and the contract specifications.

CQC System Manager Signature_____ **Date**_____

Site Manager Signature  **Date** 7-22-18

Contracting Entity Authorized Representative Quality Assurance Comments

Concurs with the QC report? Yes No

Additional comments or exceptions:

QAR Signature  **Date** 7-23-18

Figure 1: Radiator debris from NLF-TP-11. View NE

Figure 2: NLF-TP-08 contents.

Figure 3: White powder observed in NLF-TP-13.

Figure 4: Contents of NLF-TP-13. View SE

Figure 5: Backfilling NLF-TP-13. View S.

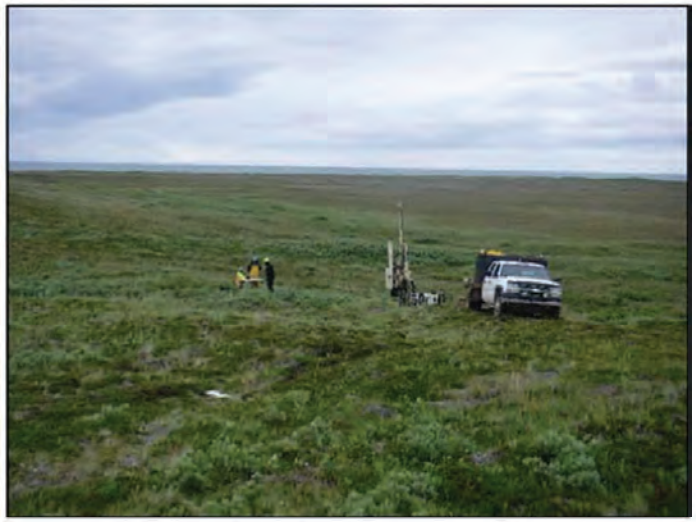


Figure 6: Drilling of NLF-SB-008/MW-08. View SW.

Environmental Quality Control/Quality Assurance Report

(ER 415-1-302)

Contract Number / Task Order Number	UPC/Project Title
W911KB-17-D-0019/W911KB17F0078	Port Heiden RRS Landfill (LF007) Supplemental RI

CQC Report Number	Date or Time Period	Location and Team
	7/23/2018	PH NLF Team

Weather Conditions

Temp Low (F°)	49	**Temp High (F°)**	55
Max Wind Speed (mph)	15	**Conditions**	Rainy

Contractor

Ahtna Environmental, Inc.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory ☐
Initial ☐
Follow-Up ☐

N/A

Was the construction deficiency tracking list updated this date? Yes ☐ No ☑

Field Screening and Testing

Has field screening been performed this date? Yes ☐ No ☑

Type of test / QTY:	Notes:	Results:
N/A		

Have Data Quality Objectives been achieved? N/A ☐ Yes ☑ No ☐

Have Samples Been Collected for Laboratory Analysis? Yes ☑ No ☐

Type of Test EPA U.S. Environmental Protection Agency Test Method/Matrix Quantity of Samples

Type of test / QTY:	Method/Matrix:	Results:
2 Samples from NLF-SB-10 boring	COPC suite per WP Worksheet #18 / Soil	
2 Samples from NLF-TP-15 test pit	COPC suite per WP Worksheet #18 / Soil	
2 Samples from NLF-TP-14 test pit (and duplicate)	COPC suite per WP Worksheet #18 / Soil	
1 composite sample from NLF-S-005	PCBs / Soil	
1 composite sample from NLF-S-006	PCBs / Soil	

Have required amount of QC trip blanks and rinsates been achieved? N/A ☐ Yes ☑ No ☐
Have appropriate QC laboratory tests been ordered? N/A ☐ Yes ☑ No ☐
Have QA and QC samples been collected in the specified quantity? N/A ☐ Yes ☑ No ☐
Have samples been properly labeled and packaged? N/A ☐ Yes ☑ No ☐

Health and Safety

Worker protection levels this date: **Level A** ☐ **Level B** ☐ **Level C** ☐ **Level D** ☑

Was any work activity conducted within a confined space? Yes ☐ No ☑
Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes ☐ No ☑
Were approved decontamination procedures used on workers and equipment as required? Yes ☑ No ☐
Was a Job Safety Meeting held this date? Yes ☑ No ☐
Were there any lost time accidents this date? **(If YES, attach copy of completed accident report)** Yes ☐ No ☑
Was hazardous waste/material released into the environment? Yes ☐ No ☑

Safety Comments: Morning Safety Tailgate was performed. All daily tasks discussed during meeting were properly executed throughout the day.

Work Activities Performed This Date:

Reference (NAS ID #/Tech Spec #) Activity & Location Quantity Subcontractor

Started and finished excavating NLF-TP-15. Ten drums (not intact, all empty) were observed in this test pit. The test pit was lined with geotextile and backfilled with landfill contents. Two soil samples were collected (18-NLF-TP-15-S01 and S02). Landfill contents in NLF-TP-15 extended to approximately 4-feet below 2018 ground surface. NLF-TP-15 was continued to about 9-feet depth to ensure there were no deeper layers. Test pit cap soils removed and filled the remainder of NLF-S-005. The waste was moved to the staging area for waste characterization. NLF-S-005 weighed about 18,500 pounds. One composite soil sample was collected from the excavator bucket during the removal process.

Started and finished excavating NLF-TP-14. No garbage was observed in this test pit. The test pit was lined with geotextile and backfilled with excavated materials. NLF-TP-14 was continued to about 7-feet bgs depth to ensure there were no deeper layers. The two soil samples and a duplicate were collected (18-NLF-TP-14-S01, S02 and S03 (duplicate)). Test pit cap soils removed were placed in a single 9-yd supersack (NLF-S-006) and moved to the waste staging area for waste characterization. NLF-S-006 weighed about 13,500 pounds. One composite soil sample was collected from the excavator bucket during the removal process.

NLF-SB-10 was started and completed. Groundwater was encountered at approximately 48.7-feet below ground surface (ft bgs). Two soil samples were collected (18-NLF-SB-08-S01 and S02). NLF-MW-10 was installed with screening from 45-55 ft bgs.

Well development at NLF-MW-07 was started and completed. Well development at NLF-MW-09 was started but not completed.

Manpower and Equipment

Classification Number Hours Type Hours Used Hours Idle Hours Repair

Labor		
Name	**Description**	**Hours Worked**
Luke Hoffmann	FTL	14
Kim Holmes	Assistant FTL	14
Lexie Lucassen	Sample Manager	13
Nick Simmons	Environmental Sampler	13
Gary Erickson	Drilling Lead	18
Thomas Brunsvold	Drill Helper	18
Celestee Renae	Excavator Operator	12
Jeffry Orloff	Loader Operator	12
Holly Matson	Laborour	12
TOTAL MAN HOURS		

Equipment		
Make	**Model**	**Rate**
Ford	F350	Day
Chevy	Silverado 1500	Day
GMC	Flatbed	Day
Drill Rig	6712DT	Day
Cat Excavator	320D L	Day
Volvo Loader	180FL	Day
TOTAL EQUIPMENT HOURS		

Material Received to be incorporated into Job None ☐

N/A

Instructions Given by the Government to the Contractor (Include names, reactions, and remarks.)

Verbal ☑ **Written** ☐ **None** ☐

Work Progress	Are there any Contractor caused delays?	Yes ☐	No ☑
	Are there any Contractor-potential findings of fact?	Yes ☐	No ☑
	Are there any Government caused delays?	Yes ☐	No ☑
	Are there any Government-potential findings of fact?	Yes ☐	No ☑
	Are there any unforeseeable or weather related delays?	Yes ☐	No ☑

Rework Items Identified Today (Not corrected by COB)

None

Rework Items Corrected Today (From Rework Items List)

None

Remarks (Include any visitors to project and miscellaneous remarks pertinent to work.)

None

The above report is complete and correct, and all work reported is believed, to the best of my knowledge, to be in compliance with state and federal requirements, and the contract specifications.

CQC System Manager Signature_____ **Date**_____

Site Manager Signature  **Date** 7-23-18

Contracting Entity Authorized Representative Quality Assurance Comments

Concurs with the QC report? Yes No

Additional comments or exceptions:

QAR Signature  **Date** 7-24-18

Figure 1: Drum at surface from NLF-TP-15. Profile view.

Figure 2: NLF-TP-15 drum top. Plan view.

Figure 3: Excavation at NLF-TP-14. Expansion to W. View S.

Figure 4: Excavator operator.

Figure 5: Drilling SB-10. View SW.

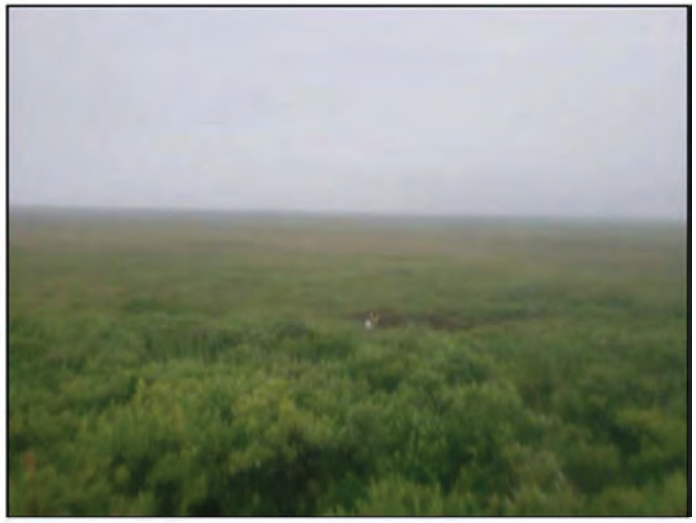


Figure 6: Well development at MW-09. View NW.

Figure 7: Staged supersacks. View NW.

Figure 8: IDW Drums staged in connex at barge landing. View within connex. .

Environmental Quality Control/Quality Assurance Report

(ER 415-1-302)

Contract Number / Task Order Number	UPC/Project Title
W911KB-17-D-0019/W911KB17F0078	Port Heiden RRS Landfill (LF007) Supplemental RI

CQC Report Number	Date or Time Period	Location and Team
	7/24/2018	PH NLF Team

Weather Conditions

Temp Low (F°)	50	**Temp High (F°)**	58
Max Wind Speed (mph)	10	**Conditions**	Overcast

Contractor

Ahtna Environmental, Inc.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory ☐
Initial ☐
Follow-Up ☐

N/A

Was the construction deficiency tracking list updated this date? Yes ☐ No ☑

Field Screening and Testing

Has field screening been performed this date? Yes ☐ No ☑

Type of test / QTY:	Notes:	Results:
N/A		

Have Data Quality Objectives been achieved? N/A ☐ Yes ☑ No ☐

Have Samples Been Collected for Laboratory Analysis? Yes ☑ No ☐

Type of Test EPA U.S. Environmental Protection Agency Test Method/Matrix Quantity of Samples

Type of test / QTY:	Method/Matrix:	Results:
2 Samples from NLF-TP-16 test pit	COPC suite per WP Worksheet #18 / Soil	
(and duplicate)	COPC suite per WP Worksheet #18 / Soil	
2 Samples from NLF-TP-17 test pit		
1 composite sample from NLF-S-007	PCBs / Soil	
1 Sample from NLF-MW-007	COPC suite per WP Worksheet #18 / Water	

Have required amount of QC trip blanks and rinsates been achieved? N/A ☐ Yes ☑ No ☐
Have appropriate QC laboratory tests been ordered? N/A ☐ Yes ☑ No ☐
Have QA and QC samples been collected in the specified quantity? N/A ☐ Yes ☑ No ☐
Have samples been properly labeled and packaged? N/A ☐ Yes ☑ No ☐

Health and Safety

Worker protection levels this date: **Level A** ☐ **Level B** ☐ **Level C** ☐ **Level D** ☑

Was any work activity conducted within a confined space? Yes ☐ No ☑
Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes ☐ No ☑
Were approved decontamination procedures used on workers and equipment as required? Yes ☑ No ☐
Was a Job Safety Meeting held this date? Yes ☑ No ☐
Were there any lost time accidents this date? **(If YES, attach copy of completed accident report)** Yes ☐ No ☑
Was hazardous waste/material released into the environment? Yes ☐ No ☑

Safety Comments: Morning Safety Tailgate was performed. All daily tasks discussed during meeting were properly executed throughout the day.

Work Activities Performed This Date:

Reference (NAS ID #/Tech Spec #) Activity & Location Quantity Subcontractor

Started and finished excavating NLF-TP-16. No garbage was observed in this test pit. The test pit was lined with geotextile and backfilled with landfill contents. NLF-TP-16 was continued to about 7-feet bgs depth to ensure there were no deeper layers. The two soil samples and a duplicate were collected (18-NLF-TP-16-S01, S02 and S03 (duplicate)). Test pit cap soils removed were placed in a single 9-yd supersack (NLF-S-007) and moved to the waste staging area for waste characterization. NLF-S-007 weighed 18,100 pounds. One composite soil sample was collected from the excavator bucket during the removal process.

Started and finished excavating NLF-TP-17. NLF-TP-17 was added to further characterize the contents of LF-007 today with approval of the client. Four drums (not intact, all empty), large metal building materials, possible tower components, milled lumber, and other miscellaneous debris were observed in this test pit. The test pit was lined with geotextile and backfilled with excavated materials. Landfill contents in NLF-TP-17 extended to approximately 4-feet below 2018 ground surface. NLF-TP-17 was continued to about 8-feet bgs depth to ensure there were no deeper layers. The two soil samples were collected (18-NLF-TP-17-S01, and S02). Test pit cap soils removed and filled approximately 1/2 of a single 9-yd supersack (NLF-S-008) and moved to the waste staging area for waste characterization. Composite soil sample material was collected from the excavator bucket during the removal process.

Well NLF-MW-07 was also sampled today.

Manpower and Equipment

Classification Number Hours Type Hours Used Hours Idle Hours Repair

Labor		
Name	**Description**	**Hours Worked**
Luke Hoffmann	FTL	13
Kim Holmes	Assistant FTL	13
Lexie Lucassen	Sample Manager	13
Nick Simmons	Environmental Sampler	12
Gary Erickson	Drilling Lead	10
Thomas Brunsvold	Drill Helper	10
Celestee Renae	Excavator Operator	12
Jeffry Orloff	Loader Operator	12
Holly Matson	Laborour	12
TOTAL MAN HOURS		

Equipment		
Make	**Model**	**Rate**
Ford	F350	Day
Chevy	Silverado 1500	Day
GMC	Flatbed	Day
Drill Rig	6712DT	Day
Cat Excavator	320D L	Day
Volvo Loader	180FL	Day
TOTAL EQUIPMENT HOURS		

Material Received to be incorporated into Job None ☐

N/A

Instructions Given by the Government to the Contractor (Include names, reactions, and remarks.)

Verbal ☑ **Written** ☐ **None** ☐

Craig Scola (USACE) approved addition of a tenth test pit to the investigation. Ahtna is authorized to exercise 1 of the 20 optional additional soil sample work items to cover the additional work.

Work Progress		
	Are there any Contractor caused delays?	Yes ☐ No ☑
	Are there any Contractor-potential findings of fact?	Yes ☐ No ☑
	Are there any Government caused delays?	Yes ☐ No ☑
	Are there any Government-potential findings of fact?	Yes ☐ No ☑
	Are there any unforeseeable or weather related delays?	Yes ☐ No ☑

Rework Items Identified Today (Not corrected by COB)

None

Rework Items Corrected Today (From Rework Items List)

None

Remarks (Include any visitors to project and miscellaneous remarks pertinent to work.)

Craig Scola (USACE) arrived onsite to inspect the work area.

The above report is complete and correct, and all work reported is believed, to the best of my knowledge, to be in compliance with state and federal requirements, and the contract specifications.

CQC System Manager Signature_____ **Date**_____

Site Manager Signature  **Date** 7-24-18

Contracting Entity Authorized Representative Quality Assurance Comments

Concurs with the QC report? Yes No

Additional comments or exceptions:

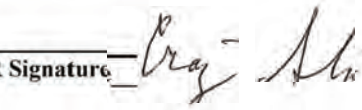
QAR Signature  **Date** 7-25-18

Figure 1: PCB soil cap removal at NLF-TP-16. View N.

Figure 2: Supersack weighing at staging area. Profile view.

Figure 3: Excavation at NLF-TP-17. View NE.

Figure 4: NLF-TP-17 contents overview. View NW.

Environmental Quality Control/Quality Assurance Report

(ER 415-1-302)

Contract Number / Task Order Number	UPC/Project Title
W911KB-17-D-0019/W911KB17F0078	Port Heiden RRS Landfill (LF007) Supplemental RI

CQC Report Number	Date or Time Period	Location and Team
	7/25/2018	PH NLF Team

Weather Conditions				Contractor
Temp Low (F°)	50	Temp High (F°)	59	Ahtna Environmental, Inc.
Max Wind Speed (mph)	10	Conditions	Rainy	

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory ☐
Initial ☐
Follow-Up ☐

N/A

Was the construction deficiency tracking list updated this date? Yes ☐ No ☑

Field Screening and Testing

Has field screening been performed this date? Yes ☐ No ☑

Type of test / QTY:	Notes:	Results:
N/A		

Have Data Quality Objectives been achieved? N/A ☐ Yes ☑ No ☐

Have Samples Been Collected for Laboratory Analysis? Yes ☑ No ☐

Type of Test EPA U.S. Environmental Protection Agency Test Method/Matrix Quantity of Samples

Type of test / QTY:	Method/Matrix:	Results:
2 Samples from NLF-TP-12 test pit (and duplicate)	COPC suite per WP Worksheet #18 / Soil	
1 composite sample from NLF-S-008	PCBs / Soil	
1 Sample from NLF-MW-08 (including MS/MSD and duplicate)	COPC suite per WP Worksheet #18 / Water	

Have required amount of QC trip blanks and rinsates been achieved? N/A ☐ Yes ☑ No ☐
Have appropriate QC laboratory tests been ordered? N/A ☐ Yes ☑ No ☐
Have QA and QC samples been collected in the specified quantity? N/A ☐ Yes ☑ No ☐
Have samples been properly labeled and packaged? N/A ☐ Yes ☑ No ☐

Health and Safety

Worker protection levels this date: **Level A** ☐ **Level B** ☐ **Level C** ☐ **Level D** ☑

Was any work activity conducted within a confined space? Yes ☐ No ☑
Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes ☐ No ☑
Were approved decontamination procedures used on workers and equipment as required? Yes ☑ No ☐
Was a Job Safety Meeting held this date? Yes ☑ No ☐
Were there any lost time accidents this date? **(If YES, attach copy of completed accident report)** Yes ☐ No ☑
Was hazardous waste/material released into the environment? Yes ☐ No ☑

Safety Comments: Morning Safety Tailgate was performed. All daily tasks discussed during meeting were properly executed throughout the day.

Work Activities Performed This Date:

Reference (NAS ID #/Tech Spec #) Activity & Location Quantity Subcontractor

Started and finished excavating NLF-TP-12. Three drums (not intact, all empty), large chunks of friable white powder, chunks of dried tar, twised metal building material, other miscellaneous wood, and metal and plastic debris were observed in this test pit. The test pit was lined with geotextile and backfilled with excavated materials. Landfill contents in NLF-TP-12 extended to approximately 5-feet below 2018 ground surface. NLF-TP-12 was continued to about 8-feet bgs depth to ensure there were no deeper layers. Two soil samples and a duplicate were collected (18-NLF-TP-12-S01, S02 and S03 (duplicate)). Test pit cap soils removed and filled the remaining portion of supersack NLF-S-008. NLF-S-008 was moved to the waste staging area for waste characterization. Composite soil sample material was collected from the excavator bucket during the removal process.

Well NLF-MW-08 was developed and sampled for shipment on the Everts charter tomorrow.

The remaining, unused drums were organized and staged for shipment on the Everts charter.

As a side note, the White Powder was anecdotally indicated by onsite Aniakchack worker/resident who was present during the time frame North Landfill was in use, as "looking like the powdered detergent they used to use". They also indicated that during the time that the North Landfill was in use, they did not have an excavator and all the waste was moved around by a bulldozer. This potentailly explains the lack of waste in most test pits not extending to depths greater than 6 feet bgs.

Manpower and Equipment

Classification Number Hours Type Hours Used Hours Idle Hours Repair

Labor

Name	Description	Hours Worked
Luke Hoffmann	FTL	18
Kim Holmes	Assistant FTL	18
Lexie Lucassen	Sample Manager	18
Nick Simmons	Environmental Sampler	18
Celestee Renae	Excavator Operator	15
Jeffry Orloff	Loader Operator	15
Holly Matson	Laborour	15
TOTAL MAN HOURS		

Equipment

Make	Model	Rate
Ford	F350	Day
Chevy	Silverado 1500	Day
GMC	Flatbed	Day
Cat Excavator	320D L	Day
Volvo Loader	180FL	Day
TOTAL EQUIPMENT HOURS		

Material Received to be incorporated into Job

None ☐

Gasoline had been purchased previously but not captured on the daily. These days include the 22nd, and the 24th.

Instructions Given by the Government to the Contractor (Include names, reactions, and remarks.)

Verbal ☐ **Written** ☐ **None** ☑

None

Work Progress		
	Are there any Contractor caused delays?	Yes ☐ No ☑
	Are there any Contractor-potential findings of fact?	Yes ☐ No ☑
	Are there any Government caused delays?	Yes ☐ No ☑
	Are there any Government-potential findings of fact?	Yes ☐ No ☑
	Are there any unforeseeable or weather related delays?	Yes ☐ No ☑

Rework Items Identified Today (Not corrected by COB)

None

Rework Items Corrected Today (From Rework Items List)

None

Remarks (Include any visitors to project and miscellaneous remarks pertinent to work.)

Craig Scola (USACE) onsite in the morning and departed mid-day.

The above report is complete and correct, and all work reported is believed, to the best of my knowledge, to be in compliance with state and federal requirements, and the contract specifications.

CQC System Manager Signature_____ **Date**_____

Site Manager Signature  **Date** 7-25-18

Contracting Entity Authorized Representative Quality Assurance Comments

Concurs with the QC report? Yes No

Additional comments or exceptions:

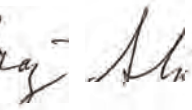
QAR Signature  **Date** 7-26-18

Figure 1: Potentially PCB bearing soil cap removal at NLF-TP-12. View N.

Figure 2: White powdery substance observed at NLF-TP-12. Profile view.

Figure 3: White powdery substance observed in NLF-TP-12 sidewall.

Figure 4: Prepping sample coolers.

Environmental Quality Control/Quality Assurance Report

(ER 415-1-302)

Contract Number / Task Order Number	UPC/Project Title
W911KB-17-D-0019/W911KB17F0078	Port Heiden RRS Landfill (LF007) Supplemental RI

CQC Report Number	Date or Time Period	Location and Team
	7/26/2018 (Rev 1)	PH NLF Team

Weather Conditions

Temp Low (F°)	50	**Temp High (F°)**	58
Max Wind Speed (mph)	12	**Conditions**	Overcast

Contractor

Ahtna Environmental, Inc.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory ☐
Initial ☐
Follow-Up ☐

N/A

Was the construction deficiency tracking list updated this date? Yes ☐ No ☑

Field Screening and Testing

Has field screening been performed this date? Yes ☐ No ☑

Type of test / QTY:	Notes:	Results:
N/A		

Have Data Quality Objectives been achieved? N/A ☐ Yes ☑ No ☐

Have Samples Been Collected for Laboratory Analysis? Yes ☑ No ☐

Type of Test EPA U.S. Environmental Protection Agency Test Method/Matrix Quantity of Samples

Type of test / QTY:	Method/Matrix:	Results:
1 Sample from NLF-TP-12 test pit (adjacent to observed white substance)	COPC suite per WP Worksheet #18 / Soil	

Have required amount of QC trip blanks and rinsates been achieved? N/A ☐ Yes ☑ No ☐
Have appropriate QC laboratory tests been ordered? N/A ☐ Yes ☑ No ☐
Have QA and QC samples been collected in the specified quantity? N/A ☐ Yes ☑ No ☐
Have samples been properly labeled and packaged? N/A ☐ Yes ☑ No ☐

Health and Safety

Worker protection levels this date: **Level A** ☐ **Level B** ☐ **Level C** ☐ **Level D** ☑

Was any work activity conducted within a confined space? Yes ☐ No ☑
Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes ☐ No ☑
Were approved decontamination procedures used on workers and equipment as required? Yes ☑ No ☐
Was a Job Safety Meeting held this date? Yes ☑ No ☐
Were there any lost time accidents this date? **(If YES, attach copy of completed accident report)** Yes ☐ No ☑
Was hazardous waste/material released into the environment? Yes ☐ No ☑

Safety Comments: Morning Safety Tailgate was performed. All daily tasks discussed during meeting were properly executed throughout the day.

Work Activities Performed This Date:

Reference (NAS ID #/Tech Spec #) Activity & Location Quantity Subcontractor

The Everts charter flight arrived and sample coolers, unused drums, remaining drilling equipment, and miscellaneous unused Project materials were loaded and dispatched from Port Heiden to Anchorage.

An additional sample was collected from NLF-TP-12 from 5-feet, the depth of the observed white powder. The excavator was used to dig down to 5-feet immediately adjacent to the previous test pit. The white powder was observed again and a soil sample was collected immediately adjacent to it (18-NLF-TP-12-S03). The area was lined with geotextile and backfilled with excavated materials and capped with clean soil.

Equipment decon was started.

Survey of test pits and monitoring wells started.

Well NLF-MW-06 development was continued. This well appears to be a slow recharger. It was pumped dry and allowed to recharge multiple times but remains turbid. It was left to fully recharge overnight.

Manpower and Equipment

Classification Number Hours Type Hours Used Hours Idle Hours Repair

Labor		
Name	**Description**	**Hours Worked**
Luke Hoffmann	FTL	15
Kim Holmes	Assistant FTL	15
Lexie Lucassen	Sample Manager	14
Nick Simmons	Environmental Sampler	14
Celestee Renae	Excavator Operator	6
Jeffry Orloff	Loader Operator	6
Holly Matson	Laborer	6
Shelley Williams	Professional Surveyor	Not Recorded
TOTAL MAN HOURS		

Equipment		
Make	**Model**	**Rate**
Ford	F350	Day
Chevy	Silverado 1500	Day
GMC	Flatbed	Day
Cat Excavator	320D L	Day
Volvo Loader	180FL	Day
TOTAL EQUIPMENT HOURS		

Material Received to be incorporated into Job

None ☐

Gasoline

Instructions Given by the Government to the Contractor (Include names, reactions, and remarks.)

Verbal ☐ **Written** ☐ **None** ☑

None

Work Progress

Are there any Contractor caused delays?	Yes ☐	No ☑
Are there any Contractor-potential findings of fact?	Yes ☐	No ☑
Are there any Government caused delays?	Yes ☐	No ☑
Are there any Government-potential findings of fact?	Yes ☐	No ☑
Are there any unforeseeable or weather related delays?	Yes ☐	No ☑

Rework Items Identified Today (Not corrected by COB)

None

Rework Items Corrected Today (From Rework Items List)

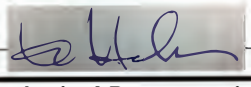
None

Remarks (Include any visitors to project and miscellaneous remarks pertinent to work.)

None

The above report is complete and correct, and all work reported is believed, to the best of my knowledge, to be in compliance with state and federal requirements, and the contract specifications.

CQC System Manager Signature_____ **Date**_____

Site Manager Signature  **Date** 7-26-18

Contracting Entity Authorized Representative Quality Assurance Comments

Concurs with the QC report? Yes No

Additional comments or exceptions:

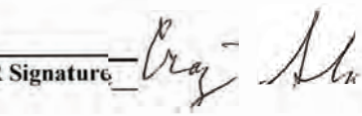
QAR Signature  **Date** 7-27-18

Figure 1: Loading of Everts cargo plane. View NE

Figure 2: White powdery substance sample collected from NLF-TP-12.. Profile view.

Figure 3: Decon of machinery. View SW.

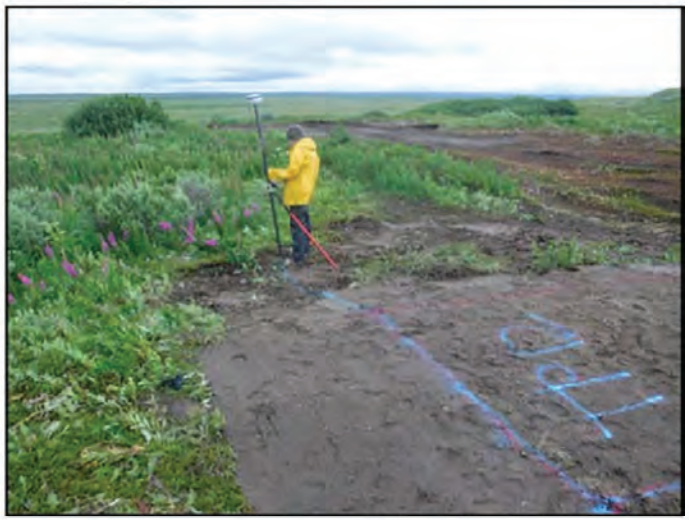


Figure 4: Survey of NLF test pits and monitoring wells. View NE.

Environmental Quality Control/Quality Assurance Report

(ER 415-1-302)

Contract Number / Task Order Number	UPC/Project Title
W911KB-17-D-0019/W911KB17F0078	Port Heiden RRS Landfill (LF007) Supplemental RI

CQC Report Number	Date or Time Period	Location and Team
	7/27/2018	PH NLF Team

Weather Conditions

Temp Low (F°)	50	**Temp High (F°)**	58
Max Wind Speed (mph)	25	**Conditions**	Windy

Contractor

Ahtna Environmental, Inc.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory ☐
Initial ☐
Follow-Up ☐

N/A

Was the construction deficiency tracking list updated this date? Yes ☐ No ☑

Field Screening and Testing

Has field screening been performed this date? Yes ☐ No ☑

Type of test / QTY:	Notes:	Results:
N/A		

Have Data Quality Objectives been achieved? N/A ☐ Yes ☑ No ☐

Have Samples Been Collected for Laboratory Analysis? Yes ☐ No ☑

Type of Test EPA U.S. Environmental Protection Agency Test Method/Matrix Quantity of Samples

Type of test / QTY:	Method/Matrix:	Results:
N/A		

Have required amount of QC trip blanks and rinsates been achieved? N/A ☑ Yes ☐ No ☐
Have appropriate QC laboratory tests been ordered? N/A ☑ Yes ☐ No ☐
Have QA and QC samples been collected in the specified quantity? N/A ☑ Yes ☐ No ☐
Have samples been properly labeled and packaged? N/A ☑ Yes ☐ No ☐

Health and Safety

Worker protection levels this date: **Level A** ☐ **Level B** ☐ **Level C** ☐ **Level D** ☑

Was any work activity conducted within a confined space? Yes ☐ No ☑
Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes ☐ No ☑
Were approved decontamination procedures used on workers and equipment as required? Yes ☑ No ☐
Was a Job Safety Meeting held this date? Yes ☑ No ☐
Were there any lost time accidents this date? **(If YES, attach copy of completed accident report)** Yes ☐ No ☑
Was hazardous waste/material released into the environment? Yes ☐ No ☑

Safety Comments: Morning Safety Tailgate was performed. All daily tasks discussed during meeting were properly executed throughout the day.

Work Activities Performed This Date:

Reference (NAS ID #/Tech Spec #) Activity & Location Quantity Subcontractor

Supersack labeling was checked and all supersacks were covered with liner, sandbags and tires for temporary storage at RRS while awaiting laboratory results.

All survey was completed.

All remaining drums and waste drums were moved to the connex at the barge landing.

Equipment decon was finished and all machinery used for test pits were removed from site.

Well NLF-MW-06 development continued and was completed and NLF-MW-09 was fully developed.

Manpower and Equipment

Classification Number Hours Type Hours Used Hours Idle Hours Repair

Labor		
Name	**Description**	**Hours Worked**
Luke Hoffmann	FTL	13
Kim Holmes	Assistant FTL	13
Lexie Lucassen	Sample Manager	12
Nick Simmons	Environmental Sampler	12
Celestee Renae	Excavator Operator	3
Jeffry Orloff	Loader Operator	3
Holly Matson	Laborer	3
Shelley Williams	Professional Surveyor	Not Recorded
TOTAL MAN HOURS		

Equipment		
Make	**Model**	**Rate**
Ford	F350	Day
Chevy	Silverado 1500	Day
TOTAL EQUIPMENT HOURS		

Material Received to be incorporated into Job None

Gasoline

Instructions Given by the Government to the Contractor (Include names, reactions, and remarks.)

Verbal ☐ **Written** ☐ **None** ☑

None

Work Progress		
	Are there any Contractor caused delays?	Yes ☐ No ☑
	Are there any Contractor-potential findings of fact?	Yes ☐ No ☑
	Are there any Government caused delays?	Yes ☐ No ☑
	Are there any Government-potential findings of fact?	Yes ☐ No ☑
	Are there any unforeseeable or weather related delays?	Yes ☐ No ☑

Rework Items Identified Today (Not corrected by COB)

None

Rework Items Corrected Today (From Rework Items List)

None

Remarks (Include any visitors to project and miscellaneous remarks pertinent to work.)

Lexie Lucassen (Ahtna) and Shelley Williams (Mammoth) departed on the mid-day Lake Clark flight.
TestAmerica notified Ahtna that they mistakenly removed a trip blank from temperature control for approximately 6 hours. Emily Freitas (Ahtna chemist) instructed them to proceed with analyses for the impacted cooler. This will likely result in flagged data, but does not appear to warrant resampling.

The above report is complete and correct, and all work reported is believed, to the best of my knowledge, to be in compliance with state and federal requirements, and the contract specifications.

CQC System Manager Signature_____ **Date**_____

Site Manager Signature  **Date** 7-27-18

Contracting Entity Authorized Representative Quality Assurance Comments

Concurs with the QC report? Yes No

Additional comments or exceptions:

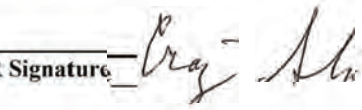
QAR Signature  **Date** 7-28-18

Figure 1: Supersacks labeled pending waste characterization lab results

Figure 2: Supersacks covered with lining for weather protection.

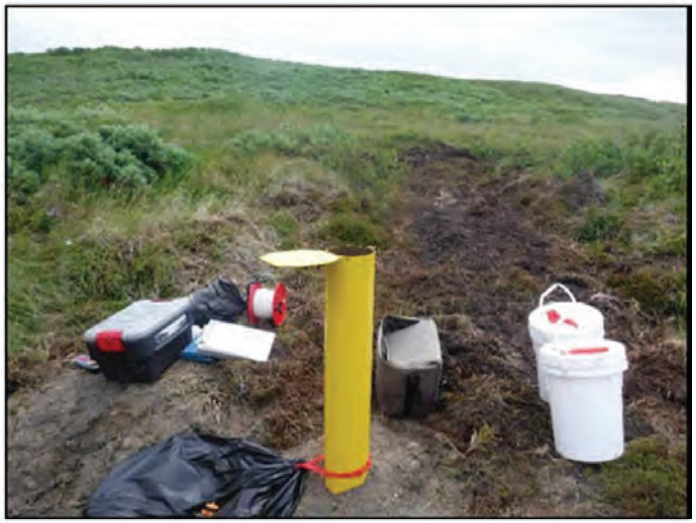


Figure 3: Monitoring Well NLF-MW-09 development. View SE

Environmental Quality Control/Quality Assurance Report

(ER 415-1-302)

Contract Number / Task Order Number	UPC/Project Title
W911KB-17-D-0019/W911KB17F0078	Port Heiden RRS Landfill (LF007) Supplemental RI

CQC Report Number	Date or Time Period	Location and Team
	7/28/2018	PH NLF Team

Weather Conditions				Contractor
Temp Low (F°)	52	Temp High (F°)	57	Ahtna Environmental, Inc.
Max Wind Speed (mph)	35	Conditions	Windy	

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory ☐
Initial ☐
Follow-Up ☐

N/A

Was the construction deficiency tracking list updated this date? Yes ☐ No ☑

Field Screening and Testing

Has field screening been performed this date? Yes ☐ No ☑

Type of test / QTY:	Notes:	Results:
N/A		

Have Data Quality Objectives been achieved? N/A ☐ Yes ☑ No ☐

Have Samples Been Collected for Laboratory Analysis? Yes ☑ No ☐

Type of Test EPA U.S. Environmental Protection Agency Test Method/Matrix Quantity of Samples

Type of test / QTY:	Method/Matrix:	Results:
1 waste sample from purge water from perimeter monitoring wells, NLF-WS-02-W01	COPC suite per WP Worksheet #18 / Water	
1 soil cuttings waste sample from SB-10 drum 1, NLF-WS-09-S01,	COPC suite per WP Worksheet #18 / Soil	
1 soil cuttings waste sample from SB-10 drum 2, NLF-WS-10-S01,	COPC suite per WP Worksheet #18 / Soil	
1 soil cuttings waste sample from SB-10 drum 3, NLF-WS-11-S01	COPC suite per WP Worksheet #18 / Soil	
1 sample from monitoring well NLF-MW-06-W01	COPC suite per WP Worksheet #18 / Water	
1 Sample from monitoring well NLF-MW-09-W01	COPC suite per WP Worksheet #18 / Water	

Have required amount of QC trip blanks and rinsates been achieved? N/A ☐ Yes ☑ No ☐
Have appropriate QC laboratory tests been ordered? N/A ☐ Yes ☑ No ☐
Have QA and QC samples been collected in the specified quantity? N/A ☐ Yes ☑ No ☐
Have samples been properly labeled and packaged? N/A ☐ Yes ☑ No ☐

Health and Safety

Worker protection levels this date: **Level A** ☐ **Level B** ☐ **Level C** ☐ **Level D** ☑
Was any work activity conducted within a confined space? Yes ☐ No ☑
Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes ☐ No ☑
Were approved decontamination procedures used on workers and equipment as required? Yes ☑ No ☐
Was a Job Safety Meeting held this date? Yes ☑ No ☐
Were there any lost time accidents this date? **(If YES, attach copy of completed accident report)** Yes ☐ No ☑
Was hazardous waste/material released into the environment? Yes ☐ No ☑

Safety Comments: Morning Safety Tailgate was performed. All daily tasks discussed during meeting were properly executed throughout the day.

Work Activities Performed This Date:

Reference (NAS ID #/Tech Spec #) Activity & Location Quantity Subcontractor

Monitoring well samples were collected from NLF-MW-06 and NLF-MW-09

Waste samples were collected from soil cuttings from SB-10 drums (3). Drums were labeled for potential transport, pending results.

Waste samples were collected from drums containing comingled perimeter well purge and decon water (3). Drums were labelled for potential transport, pending results.

Monitoring well NLF-MW-10 development was attempted but well was found dry. Deionized water (DI) water was added to potentially rinse the packed screen at bottom. The well was found to not hold water and the surface monument fell into the ground when the surface was wetted. An approximate 15-foot cavity was observed at the top of the well indicating potential well construction issues or subsurface anomalies. This well will be rechecked to see if anything changed overnight.

Manpower and Equipment

Classification Number Hours Type Hours Used Hours Idle Hours Repair

Labor		
Name	**Description**	**Hours Worked**
Luke Hoffmann	FTL	13
Kim Holmes	Assistant FTL	13
Nick Simmons	Environmental Sampler	12
TOTAL MAN HOURS		

Equipment		
Make	**Model**	**Rate**
Ford	F350	Day
Chevy	Silverado 1500	Day
TOTAL EQUIPMENT HOURS		

Material Received to be incorporated into Job None

Instructions Given by the Government to the Contractor (Include names, reactions, and remarks.)

Verbal ☐ **Written** ☐ **None** ☑

None

Work Progress

Are there any Contractor caused delays?	Yes ☐	No ☑
Are there any Contractor-potential findings of fact?	Yes ☐	No ☑
Are there any Government caused delays?	Yes ☐	No ☑
Are there any Government-potential findings of fact?	Yes ☐	No ☑
Are there any unforeseeable or weather related delays?	Yes ☐	No ☑

Rework Items Identified Today (Not corrected by COB)

NLF-MW-10 monument needs to be reworked for well protection.

Rework Items Corrected Today (From Rework Items List)

None

Remarks (Include any visitors to project and miscellaneous remarks pertinent to work.)

If NLF-MW-10 remains dry, discussion with client will be needed to determine preferred path forward.

The above report is complete and correct, and all work reported is believed, to the best of my knowledge, to be in compliance with state and federal requirements, and the contract specifications.

CQC System Manager Signature_____ **Date**_____

Site Manager Signature  **Date** 7-28-18

Contracting Entity Authorized Representative Quality Assurance Comments

Concurs with the QC report? Yes No

Additional comments or exceptions:

QAR Signature  **Date** 7-29-18

Figure 1: Waste staged in connex labeled for transport pending analysis results

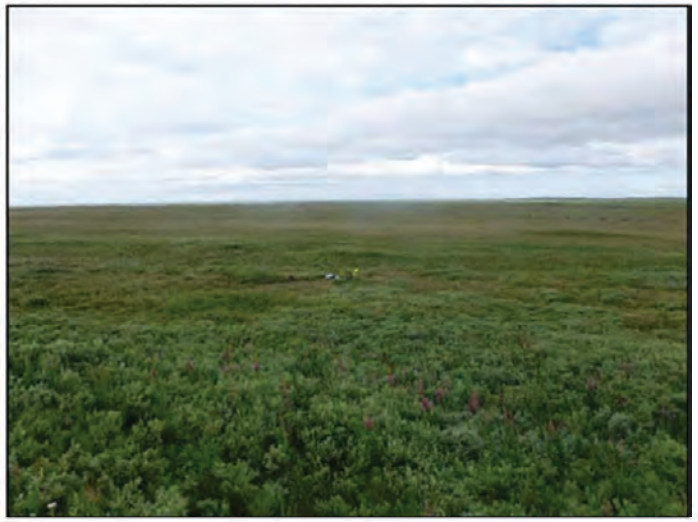


Figure 2: Water sampling from NLF-MW-09. View N

Figure 3: Unsuccessful development of NLF-MW-10. Well was found dry. A large cavity was found from surface to approximately 15-ft deep during development.

Figure 4: Cavity around NLF-MW-10. Dry well.

Environmental Quality Control/Quality Assurance Report

(ER 415-1-302)

Contract Number / Task Order Number	UPC/Project Title
W911KB-17-D-0019/W911KB17F0078	Port Heiden RRS Landfill (LF007) Supplemental RI

CQC Report Number	Date or Time Period	Location and Team
	7/29/2018	PH NLF Team

Weather Conditions

Temp Low (F°)	50	**Temp High (F°)**	59
Max Wind Speed (mph)	65	**Conditions**	Windy

Contractor

Ahtna Environmental, Inc.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory ☐
Initial ☐
Follow-Up ☐

N/A

Was the construction deficiency tracking list updated this date? Yes ☐ No ☑

Field Screening and Testing

Has field screening been performed this date? Yes ☐ No ☑

Type of test / QTY:	Notes:	Results:
N/A		

Have Data Quality Objectives been achieved? N/A ☐ Yes ☑ No ☐

Have Samples Been Collected for Laboratory Analysis? Yes ☑ No ☐

Type of Test EPA U.S. Environmental Protection Agency Test Method/Matrix Quantity of Samples

Type of test / QTY:	Method/Matrix:	Results:
1 waste sample from purge water from perimeter monitoring wells, NLF-WS-03-W01	COPC suite per WP Worksheet #18 / Water	
1 waste sample from purge water from MW10 NLF-WS-01-W01	COPC suite per WP Worksheet #18 / Water	
1 Equipment blank sample for bladder pump taken EBW-072918-01	COPC suite per WP Worksheet #18 / Water	

Have required amount of QC trip blanks and rinsates been achieved? N/A ☐ Yes ☑ No ☐
Have appropriate QC laboratory tests been ordered? N/A ☐ Yes ☑ No ☐
Have QA and QC samples been collected in the specified quantity? N/A ☐ Yes ☑ No ☐
Have samples been properly labeled and packaged? N/A ☐ Yes ☑ No ☐

Health and Safety

Worker protection levels this date: **Level A** ☐ **Level B** ☐ **Level C** ☐ **Level D** ☑
Was any work activity conducted within a confined space? Yes ☐ No ☑
Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes ☐ No ☑
Were approved decontamination procedures used on workers and equipment as required? Yes ☑ No ☐
Was a Job Safety Meeting held this date? Yes ☑ No ☐
Were there any lost time accidents this date? **(If YES, attach copy of completed accident report)** Yes ☐ No ☑
Was hazardous waste/material released into the environment? Yes ☐ No ☑

Safety Comments: Morning Safety Tailgate was performed. All daily tasks discussed during meeting were properly executed throughout the day.

Work Activities Performed This Date:

Reference (NAS ID #/Tech Spec #) Activity & Location Quantity Subcontractor

MW-10 was rechecked and remains dry.

Waste samples were collected from NLF-L-001 and NLF-L-003 (18-NLF-WS-01-W01 and 18-NLF-WS-03-W01).

A seventh overpack drum was packed with all of the IDW generated within the landfill boundaries and the macrocore sleeves from saturated intervals of all borings.

An equipment blank sample was collected through the GW sampling pump for QA/QC purposes (EBW-072918-01).

All remaining samples were packaged for transport. Some samples were planned for shipment today on the Grant/Ravn commercial flight but the flight didn't come due to weather (high winds). All remaining coolers are ready for shipment on Monday (7/30).

The remainder of the field office was packed and organized in the connex for later use.

Manpower and Equipment

Classification Number Hours Type Hours Used Hours Idle Hours Repair

Labor		
Name	**Description**	**Hours Worked**
Luke Hoffmann	FTL	15
Kim Holmes	Assistant FTL	15
Nick Simmons	Environmental Sampler	14
TOTAL MAN HOURS		

Equipment		
Make	**Model**	**Rate**
Ford	F350	Day
Chevy	Silverado 1500	Day
TOTAL EQUIPMENT HOURS		

Material Received to be incorporated into Job None

Instructions Given by the Government to the Contractor (Include names, reactions, and remarks.)

Verbal ☐ **Written** ☐ **None** ☑

None

Work Progress		
	Are there any Contractor caused delays?	Yes ☐ No ☑
	Are there any Contractor-potential findings of fact?	Yes ☐ No ☑
	Are there any Government caused delays?	Yes ☐ No ☑
	Are there any Government-potential findings of fact?	Yes ☐ No ☑
	Are there any unforeseeable or weather related delays?	Yes ☐ No ☑

Rework Items Identified Today (Not corrected by COB)

None

Rework Items Corrected Today (From Rework Items List)

None

Remarks (Include any visitors to project and miscellaneous remarks pertinent to work.)

None

The above report is complete and correct, and all work reported is believed, to the best of my knowledge, to be in compliance with state and federal requirements, and the contract specifications.

CQC System Manager Signature_____ **Date**_____

Site Manager Signature  **Date** 7-29-18

Contracting Entity Authorized Representative Quality Assurance Comments

Concurs with the QC report? Yes No

Additional comments or exceptions:

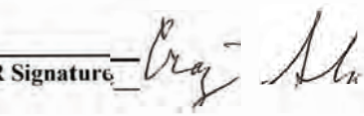
QAR Signature  **Date** 7-30-18

Figure 1: Waste drums stored in connex at barge landing

Figure 2: NLF-L-001 waste drum labeled for potential transport

Environmental Quality Control/Quality Assurance Report

(ER 415-1-302)

Contract Number / Task Order Number	UPC/Project Title
W911KB-17-D-0019/W911KB17F0078	Port Heiden RRS Landfill (LF007) Supplemental RI

CQC Report Number	Date or Time Period	Location and Team
	7/30/2018	PH NLF Team

Weather Conditions

Temp Low (F°)	52	**Temp High (F°)**	59
Max Wind Speed (mph)	30	**Conditions**	Windy

Contractor

Ahtna Environmental, Inc.

Quality Control Inspections Performed This Date (Include inspections, results, deficiencies observed, and corrective action.)

Preparatory ☐
Initial ☐
Follow-Up ☐

N/A

Was the construction deficiency tracking list updated this date? Yes ☐ No ☑

Field Screening and Testing

Has field screening been performed this date? Yes ☐ No ☑

Type of test / QTY:	Notes:	Results:
N/A		

Have Data Quality Objectives been achieved? N/A ☐ Yes ☑ No ☐

Have Samples Been Collected for Laboratory Analysis? Yes ☐ No ☑

Type of Test EPA U.S. Environmental Protection Agency Test Method/Matrix Quantity of Samples

Type of test / QTY:	Method/Matrix:	Results:
N/A		

Have required amount of QC trip blanks and rinsates been achieved? N/A ☑ Yes ☐ No ☐
Have appropriate QC laboratory tests been ordered? N/A ☑ Yes ☐ No ☐
Have QA and QC samples been collected in the specified quantity? N/A ☑ Yes ☐ No ☐
Have samples been properly labeled and packaged? N/A ☑ Yes ☐ No ☐

Health and Safety

Worker protection levels this date: **Level A** ☐ **Level B** ☐ **Level C** ☐ **Level D** ☑
Was any work activity conducted within a confined space? Yes ☐ No ☑
Was any work activity conducted within an area determined to be immediately dangerous to life and health? Yes ☐ No ☑
Were approved decontamination procedures used on workers and equipment as required? Yes ☑ No ☐
Was a Job Safety Meeting held this date? Yes ☑ No ☐
Were there any lost time accidents this date? **(If YES, attach copy of completed accident report)** Yes ☐ No ☑
Was hazardous waste/material released into the environment? Yes ☐ No ☑

Safety Comments: Morning Safety Tailgate was performed. All daily tasks discussed during meeting were properly executed throughout the day.

Work Activities Performed This Date:

Reference (NAS ID #/Tech Spec #) Activity & Location Quantity Subcontractor

NLF-MW-10 monitoring well monument installation rework was completed. The well remained dry with approximately 0.3 inches of water observed at the bottom of the well. Sand bags (~25 bags) were added to the surface cavity to fill in the hole. The monument was set in place at the surface, the well number was marked and the monument was locked.

All coolers were packed for shipment.

The Field Office building and surrounding area were cleaned up and demobbed.

All remaining Ahtna employees departed Port Heiden on the mid-morning Lake Clark flight.

All coolers were repacked in Anchorage and sent out via Alaska Goldstreak or hand-delivered to SGS.

Manpower and Equipment

Classification Number Hours Type Hours Used Hours Idle Hours Repair

Labor		
Name	**Description**	**Hours Worked**
Luke Hoffmann	FTL	11
Kim Holmes	Assistant FTL	11
Nick Simmons	Environmental Sampler	10
TOTAL MAN HOURS		

Equipment		
Make	**Model**	**Rate**
Ford	F350	Day
Chevy	Silverado 1500	Day
TOTAL EQUIPMENT HOURS		

Material Received to be incorporated into Job None ☑

Instructions Given by the Government to the Contractor (Include names, reactions, and remarks.)

Verbal ☐ **Written** ☐ **None** ☑

None

Work Progress		
	Are there any Contractor caused delays?	Yes ☐ No ☑
	Are there any Contractor-potential findings of fact?	Yes ☐ No ☑
	Are there any Government caused delays?	Yes ☐ No ☑
	Are there any Government-potential findings of fact?	Yes ☐ No ☑
	Are there any unforeseeable or weather related delays?	Yes ☐ No ☑

Rework Items Identified Today (Not corrected by COB)

None

Rework Items Corrected Today (From Rework Items List)

NLF-MW-10 monument was reworked for well protection. No other rework items were identified during the fieldwork.

Remarks (Include any visitors to project and miscellaneous remarks pertinent to work.)

Since NLF-MW-10 remains dry, discussion with client is needed to determine preferred path forward. Unless directed otherwise, Ahtna plans to check the well for water at time of waste barge load-out, and sample then if it recharges, as a next step.

The above report is complete and correct, and all work reported is believed, to the best of my knowledge, to be in compliance with state and federal requirements, and the contract specifications.

CQC System Manager Signature_____ **Date**_____

Site Manager Signature  **Date** 7-30-18

Contracting Entity Authorized Representative Quality Assurance Comments

Concurs with the QC report? Yes No

Additional comments or exceptions:

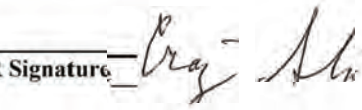
QAR Signature  **Date** 7-31-18

Figure 1: NLF-MW-10 and sandbags for monument installation rework.

Figure 2: Depth of surface cavity around NLF-MW-10 after adding approx. 10 sand bags.

Figure 3: Monitoring Well NLF-MW-10 after monument installation rework. View NW.

Figure 4: Monitoring Well NLF-MW-10 view inside of reworked monument.

APPENDIX D-3

SAFETY FORMS

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ACCIDENT PREVENTION PLAN/SITE SAFETY AND HEALTH PLAN ACKNOWLEDGEMENT

I have read, understand, and agree to abide by the provisions detailed in the Accident Prevention Plan (APP), and all of its attachments, including the Site Safety and Health Plan (SSHP). I agreed to implement and comply with all requirements for the duration of site activities. I understand that failure to comply with these provisions may lead to disciplinary action and/or dismissal from the work site.

Name	Company	Signature	Date
Lexie Lucassen	AEI	Lexie Lucassen	7/27/18
Nick Simmons	AES		7/27/18
Kim Holmes	AEI		7-27-18
Holly Watson	Anickak		7-27-18
Celestee Christen	Anakchak	Celestee	07/27/2018
Jeff Orloff	Aniakchak		7/27/18
Luke Hoffmann	AEI		7/27/18

Ahtna Environmental, Inc.

Daily Tailgate Safety Meeting

Ahtna Engineering Services, LLC

Site Location: Port Heiden RRS Landfill (LF007) **Date:** 7/18/18

HSE Hazard Identification/Considerations

Hazard possiblities	Considerations	Comments
[X] Slips, trips & falls	[X] Hazard areas acknowledged	
[ ] Adverse weather conditions	[X] Proper clothing available	
[X] Noise Drilling	[X] Hearing protection	
[ ] Power tools/hand tools	[ ] Inspected & in good working condition [ ] Operator familiar with proper use	
[ ] Presence of heavy equipment	[ ] Communication/eye contact w/ operator	
[ ] Electrical	[ ] GFCI/Power shut-off switch or breaker	
[ ] Flam./explosive materials	[X] Correct storage/secure if transporting	
[X] Hazardous materials unknown Mat.	[X] Spill prevention measures in place [X] MSDS readily available	
[X] Travel to and from site Mob to landfill	[X] Load secured [ ] Vehicle in good working condition	Drillers truck has low brake fluid - will rectify.
[ ] Wildlife interaction	[ ] Right of way to wildlife/avoid interaction	
[ ] Travel over sensitive areas	[ ] Minimize unnecessary impacts	
[ ] Hazardous atmospheres	[ ] Atmospheric monitoring devices (i.e. PID)	
[ ] Below ground utilities	[ ] Utility location complete	
[ ] Pinch Points	[ ] Hand protection	
[ ] Vibration	[ ] Anti-vibration gloves	
[ ] Overhead hazards	[ ] Power lines, loose items, pipelines, etc.	
[ ] Site traffic	[X] Reflective and/or bright colored clothing	
Other -- Perform site walk and talk through activities to recognize other hazards(Use comment section if necessary)		
[ ] UXO awareness	[ ]	
[ ]	[ ]	
[ ]	[ ]	
[ ]	[ ]	

PPE (As necessary to reduce or eliminate hazards)

[X] Hard hats - @ rig	[X] Foot protection (i.e. steel toes, In field	[ ] H2S monitor, PID, Multi-gas meter
[X] Safety glasses @ rig	[X] Hand (i.e anti-vibration, nitrile)	[ ] Respirators or dust guard
[ ] Hearing protection	[ ] Flotation devices	[ ] Fall protection
[ ] Fire resistant clothing	[ ] Slip Protection (ice grippers)	[ ] Face Shields
[ ] Other:	[ ] Other:	[ ] Other:

Other considerations

[X] Spill kit	[X] Viable means of communication available	[X] Safe site access/egress
[X] Fire extinguisher	[ ] Ensure necessary permits are in place	[X] Proper waste disposal
[X] First aid kit	[ ] Confined space/trenching hazards	

Emergency gathering area: Red Building

Location of nearest medical facility: RAYS place / Village clinic

Emergency contacts:

Police: — **Ambulance:** — **Fire:** —

Other:

Comments or special considerations:

Moving drill & decon materials to site & placing flagging in the landfill

I understand the HSE hazards of this job and agree to work safe and work smart.

Print name/company		Signature
Luke Hoffmann	AEI	
Dave Erickson	DOT	
Tommy Brunsvold	DOT	
Nick Simmons	AEI	
Lexie Lycassen	AEI	
Kim Holmes	AEI	

Ahtna Environmental, Inc. — Daily Tailgate Safety Meeting — Ahtna Engineering Services, LLC

Site Location: Port Heiden RRS Landfill (LF007) **Date:** 7/19/18

HSE Hazard Identification/Considerations

Hazard possibilities	Considerations	Comments
☒ Slips, trips & falls	☒ Hazard areas acknowledged	
☐ Adverse weather conditions	☒ Proper clothing available	
☒ Noise	☒ Hearing protection	
☐ Power tools/hand tools	☒ Inspected & in good working condition ☒ Operator familiar with proper use	
☒ Presence of heavy equipment	☒ Communication/eye contact w/ operator	
☐ Electrical	☐ GFCI/Power shut-off switch or breaker	
☐ Flam./explosive materials	☐ Correct storage/secure if transporting	
☒ Hazardous materials unknown	☒ Spill prevention measures in place ☒ MSDS readily available	
☒ Travel to and from site	☒ Load secured ☒ Vehicle in good working condition	
☒ Wildlife interaction	☒ Right of way to wildlife/avoid interaction	
☐ Travel over sensitive areas	☐ Minimize unnecessary impacts	
☐ Hazardous atmospheres	☒ Atmospheric monitoring devices (i.e. PID)	5 gas
☐ Below ground utilities	☐ Utility location complete	
☒ Pinch Points load + crane	☒ Hand protection	
☐ Vibration	☐ Anti-vibration gloves	
☐ Overhead hazards	☐ Power lines, loose items, pipelines, etc.	
☒ Site traffic STMOPS	☒ Reflective and/or bright colored clothing	
Other -- Perform site walk and talk through activities to recognize other hazards(Use comment section if necessary)		
☐ UXO awareness		

PPE (As necessary to reduce or eliminate hazards)

☒ Hard hats	☒ Foot protection (i.e. steel toes,	☒ H2S monitor, PID, Multi-gas meter 5-gas
☒ Safety glasses	☒ Hand (i.e anti-vibration, nitrile)	☐ Respirators or dust guard
☒ Hearing protection	☐ Flotation devices	☐ Fall protection
☐ Fire resistant clothing	☐ Slip Protection (ice grippers)	☐ Face Shields
☐ Other:	☐ Other:	☐ Other:

Other considerations

☒ Spill kit	☒ Viable means of communication available	☒ Safe site access/egress
☒ Fire extinguisher	☐ Ensure necessary permits are in place	☐ Proper waste disposal
☒ First aid kit	☐ Confined space/trenching hazards	

Emergency gathering area: Red Building

Location of nearest medical facility: Rays place

Emergency contacts:

Police: **Ambulance:** **Fire:**

Other

Comments or special considerations:

I understand the HSE hazards of this job and agree to work safe and work smart.

Print name/company	Signature
Celestee Christensen Aniakchak	Celestee
Jeff Orloff Aniakchak	
Holly Watson Aniakchak	
[illegible] Driller	
Tommy Brunsvold Driller Assistant	
Nick Simmons AES	
Julie Sharp-Dahl USACE AET	

over →

Kim Holmes / AEI

Lexie Lucassen/AEI

7/19/18

Ahtna Environmental, Inc.

Daily Tailgate Safety Meeting

Ahtna Engineering Services, LLC

Site Location: Port Heiden RRS Landfill (LF007) **Date:** 7/20/18

HSE Hazard Identification/Considerations

Hazard possibilities	Considerations	Comments
☒ Slips, trips & falls	☒ Hazard areas acknowledged	
☐ Adverse weather conditions	☒ Proper clothing available	
☒ Noise	☒ Hearing protection	
☒ Power tools/hand tools	☒ Inspected & in good working condition ☒ Operator familiar with proper use	
☒ Presence of heavy equipment	☒ Communication/eye contact w/ operator	
☐ Electrical	☐ GFCI/Power shut-off switch or breaker	
☐ Flam./explosive materials	☒ Correct storage/secure if transporting	
☒ Hazardous materials	☒ Spill prevention measures in place ☒ MSDS readily available	
☒ Travel to and from site	☒ Load secured ☒ Vehicle in good working condition	
☐ Wildlife interaction	☐ Right of way to wildlife/avoid interaction	
☒ Travel over sensitive areas	☒ Minimize unnecessary impacts	
☒ Hazardous atmospheres	☒ Atmospheric monitoring devices (i.e. PID)	
☐ Below ground utilities	☐ Utility location complete	
☒ Pinch Points	☒ Hand protection	
☐ Vibration	☐ Anti-vibration gloves	
☐ Overhead hazards	☐ Power lines, loose items, pipelines, etc.	
☒ Site traffic	☒ Reflective and/or bright colored clothing	
Other -- Perform site walk and talk through activities to recognize other hazards(Use comment section if necessary)		
☐ UXO awareness	☐	
☐	☐	
☐	☐	
☐	☐	

PPE (As necessary to reduce or eliminate hazards)

☒ Hard hats	☒ Foot protection (i.e. steel toes,	☒ H2S monitor, PID, Multi-gas meter
☒ Safety glasses	☒ Hand (i.e anti-vibration, nitrile)	☐ Respirators or dust guard
☒ Hearing protection	☐ Flotation devices	☐ Fall protection
☐ Fire resistant clothing	☐ Slip Protection (ice grippers)	☐ Face Shields
☐ Other:	☐ Other:	☐ Other:

Other considerations

☒ Spill kit	☒ Viable means of communication available	☒ Safe site access/egress
☒ Fire extinguisher	☒ Ensure necessary permits are in place	☒ Proper waste disposal
☒ First aid kit	☒ Confined space/trenching hazards	

Emergency gathering area: Red building

Location of nearest medical facility: RAYS place

Emergency contacts:

Police: **Ambulance:** **Fire:**

Other:

Comments or special considerations:

I understand the HSE hazards of this job and agree to work safe and work smart.

Print name/company		Signature
Jeff Orloff	Aniakchak	
Celestee Christensen		
Holly Madson		
Kim Holmes	Ahtna	
Lexie Lucassen	Ahtna	
Tommy Brunswig	ADF	
GARY ERICKSON	PDF	
Nick Simmons	Ahtna	

Luke Hoffmann – AEI

Ahtna Environmental, Inc. | **Daily Tailgate Safety Meeting** | Ahtna Engineering Services, LLC

Site Location: Port Heiden RRS Landfill (LF007)

Date: 7/21/18

HSE Hazard Identification/Considerations

Hazard possiblities	Considerations	Comments
[x] Slips, trips & falls	[x] Hazard areas acknowledged	
[x] Adverse weather conditions	[x] Proper clothing available	
[x] Noise	[x] Hearing protection	
[x] Power tools/hand tools	[x] Inspected & in good working condition	
[ ]	[x] Operator familiar with proper use	
[x] Presence of heavy equipment	[x] Communication/eye contact w/ operator	
[ ] Electrical	[ ] GFCI/Power shut-off switch or breaker	
[ ] Flam./explosive materials	[x] Correct storage/secure if transporting	
[x] Hazardous materials unknown	[x] Spill prevention measures in place [x] MSDS readily available	
[x] Travel to and from site	[x] Load secured [x] Vehicle in good working condition	
[ ] Wildlife interaction	[ ] Right of way to wildlife/avoid interaction	
[x] Travel over sensitive areas	[ ] Minimize unnecessary impacts	
[ ] Hazardous atmospheres	[x] Atmospheric monitoring devices (i.e. PID)	
[ ] Below ground utilities	[ ] Utility location complete	
[x] Pinch Points	[x] Hand protection	
[x] Vibration	[x] Anti-vibration gloves	
[ ] Overhead hazards	[ ] Power lines, loose items, pipelines, etc.	
[x] Site traffic	[x] Reflective and/or bright colored clothing	

Other -- Perform site walk and talk through activities to recognize other hazards(Use comment section if necessary)

[ ] UXO awareness	[ ]	
[ ]	[ ]	
[ ]	[ ]	
[ ]	[ ]	

PPE (As necessary to reduce or eliminate hazards)

[x] Hard hats	[x] Foot protection (i.e. steel toes,	[x] H2S monitor, PID, Multi-gas meter
[x] Safety glasses	[x] Hand (i.e anti-vibration, nitrile)	[ ] Respirators or dust guard
[x] Hearing protection	[ ] Flotation devices	[ ] Fall protection
[ ] Fire resistant clothing	[ ] Slip Protection (ice grippers)	[ ] Face Shields
[ ] Other:	[ ] Other:	[ ] Other:

Other considerations

[x] Spill kit	[x] Viable means of communication available	[x] Safe site access/egress
[x] Fire extinguisher	[x] Ensure necessary permits are in place	[x] Proper waste disposal
[x] First aid kit	[x] Confined space/trenching hazards	

Emergency gathering area: Red Building

Location of nearest medical facility: RAYS dree

Emergency contacts:

Police: | Ambulance: | Fire:

Other:

Comments or special considerations:

I understand the HSE hazards of this job and agree to work safe and work smart.

Print name/company		Signature
John Hoffmann	AEI	[signature]
Jeff Orloff	Aniakchak	[signature]
Celestee Christensen	Aniakchak	[signature]
Holly Watson	Aniakchak	[signature]
Lexie Lucassen	Ahtna	[signature]
Kim Holmes	Ahtna	[signature]
Tommy Brunsvold	DVE	[signature]
Gary Ericsson	DOE	[signature]

Nick Simmons AES

Ahtna Environmental, Inc. — Daily Tailgate Safety Meeting — Ahtna Engineering Services, LLC

Site Location: Port Heiden RRS Landfill (LF007) **Date:** 7/22/18

HSE Hazard Identification/Considerations

Hazard possibilities	Considerations	Comments
☒ Slips, trips & falls	☒ Hazard areas acknowledged	
☐ Adverse weather conditions	☐ Proper clothing available	
☒ Noise	☒ Hearing protection	
☐ Power tools/hand tools	☒ Inspected & in good working condition ☒ Operator familiar with proper use	
☒ Presence of heavy equipment	☒ Communication/eye contact w/ operator	
☐ Electrical	☐ GFCI/Power shut-off switch or breaker	
☐ Flam./explosive materials	☒ Correct storage/secure if transporting	
☒ Hazardous materials	☒ Spill prevention measures in place ☒ MSDS readily available	
☒ Travel to and from site	☒ Load secured ☒ Vehicle in good working condition	
☐ Wildlife interaction	☐ Right of way to wildlife/avoid interaction	
☒ Travel over sensitive areas	☒ Minimize unnecessary impacts	
☒ Hazardous atmospheres	☒ Atmospheric monitoring devices (i.e. PID)	
☐ Below ground utilities	☐ Utility location complete	
☐ Pinch Points	☒ Hand protection	
☐ Vibration	☐ Anti-vibration gloves	
☐ Overhead hazards	☐ Power lines, loose items, pipelines, etc.	
☒ Site traffic	☒ Reflective and/or bright colored clothing	

Other -- Perform site walk and talk through activities to recognize other hazards(Use comment section if necessary)

☐ UXO awareness		

PPE (As necessary to reduce or eliminate hazards)

☒ Hard hats	☒ Foot protection (i.e. steel toes,	☒ H2S monitor, PID, Multi-gas meter
☒ Safety glasses	☒ Hand (i.e anti-vibration, nitrile)	☒ Respirators or dust guard
☒ Hearing protection	☐ Flotation devices	☒ Fall protection
☒ Fire resistant clothing	☐ Slip Protection (ice grippers)	☐ Face Shields
☐ Other:	☐ Other:	☐ Other:

Other considerations

☒ Spill kit	☒ Viable means of communication available	☒ Safe site access/egress
☒ Fire extinguisher	☒ Ensure necessary permits are in place	☒ Proper waste disposal
☒ First aid kit	☒ Confined space/trenching hazards	

Emergency gathering area: Red Building

Location of nearest medical facility: RAYS place

Emergency contacts:

Police: **Ambulance:** **Fire:**

Other:

Comments or special considerations:

I understand the HSE hazards of this job and agree to work safe and work smart.

Print name/company		Signature
[illegible] Hoffmann	AEI	
Jeff Orloff	Anichchak	
Celestee Christensen	Anichchak	
Holly Matson	Anichchak	
Lexie Lucassen	Ahtna Environmental	
Jim Holmes	AES	
Tommy Brunsvold	ODE	
GARY Erickson	ODE	

Nick Simmons Ahtna

Ahtna Environmental, Inc.

Daily Tailgate Safety Meeting

Ahtna Engineering Services, LLC

Site Location: Port Heiden RRS Landfill (LF007)

Date: 7/23/18

HSE Hazard Identification/Considerations

Hazard possiblities	Considerations	Comments
☒ Slips, trips & falls	☒ Hazard areas acknowledged	
☒ Adverse weather conditions	☒ Proper clothing available	
☒ Noise	☒ Hearing protection	
☐ Power tools/hand tools	☒ Inspected & in good working condition ☒ Operator familiar with proper use	
☒ Presence of heavy equipment	☒ Communication/eye contact w/ operator	
☐ Electrical	☐ GFCI/Power shut-off switch or breaker	
☐ Flam./explosive materials	☒ Correct storage/secure if transporting	
☒ Hazardous materials	☒ Spill prevention measures in place ☒ MSDS readily available	
☒ Travel to and from site	☒ Load secured ☒ Vehicle in good working condition	
☐ Wildlife interaction	☐ Right of way to wildlife/avoid interaction	
☐ Travel over sensitive areas	☐ Minimize unnecessary impacts	
☒ Hazardous atmospheres	☒ Atmospheric monitoring devices (i.e. PID)	
☐ Below ground utilities	☒ Utility location complete	
☐ Pinch Points	☐ Hand protection	
☐ Vibration	☐ Anti-vibration gloves	
☐ Overhead hazards	☐ Power lines, loose items, pipelines, etc.	
☒ Site traffic	☒ Reflective and/or bright colored clothing	
Other -- Perform site walk and talk through activities to recognize other hazards(Use comment section if necessary)		
☐ UXO awareness	☐	
☐	☐	
☐	☐	
☐	☐	

PPE (As necessary to reduce or eliminate hazards)

☒ Hard hats	☒ Foot protection (i.e. steel toes,	☒ H2S monitor, PID, Multi-gas meter
☒ Safety glasses	☒ Hand (i.e anti-vibration, nitrile)	☒ Respirators or dust guard
☒ Hearing protection	☒ Flotation devices	☐ Fall protection
☐ Fire resistant clothing	☐ Slip Protection (ice grippers)	☐ Face Shields
☐ Other:	☐ Other:	☐ Other:

Other considerations

☒ Spill kit	☒ Viable means of communication available	☒ Safe site access/egress
☒ Fire extinguisher	☒ Ensure necessary permits are in place	☒ Proper waste disposal
☒ First aid kit	☒ Confined space/trenching hazards	

Emergency gathering area: Red building

Location of nearest medical facility: RAX place

Emergency contacts:

Police: **Ambulance:** **Fire:**

Other:

Comments or special considerations:

I understand the HSE hazards of this job and agree to work safe and work smart.

Print name/company	Signature
Luke Hoffmann - AEI	
Jeff Orloff Aniakchak	
Celestee Christensen Anvilcheck	
Holly Matson Anvilchak	
Lexie Lucassen Ahtna	
Kim Holmes AEI	
Tommy Brandvold DOF	
Gary Erickson DOF	

Ahtna Environmental, Inc.

Daily Tailgate Safety Meeting

Ahtna Engineering Services, LLC

Site Location: Port Heiden RRS Landfill (LF007) **Date:** 7/24/18

HSE Hazard Identification/Considerations

Hazard possiblities	Considerations	Comments
☒ Slips, trips & falls	☒ Hazard areas acknowledged	
☒ Adverse weather conditions	☒ Proper clothing available	
☒ Noise	☒ Hearing protection	
☐ Power tools/hand tools	☒ Inspected & in good working condition	
	☒ Operator familiar with proper use	
☒ Presence of heavy equipment	☒ Communication/eye contact w/ operator	
☐ Electrical	☐ GFCI/Power shut-off switch or breaker	
☐ Flam./explosive materials	☒ Correct storage/secure if transporting	
☒ Hazardous materials	☒ Spill prevention measures in place	
	☒ MSDS readily available	
☒ Travel to and from site	☐ Load secured	
	☒ Vehicle in good working condition	
☐ Wildlife interaction	☐ Right of way to wildlife/avoid interaction	
☐ Travel over sensitive areas	☐ Minimize unnecessary impacts	
☒ Hazardous atmospheres	☒ Atmospheric monitoring devices (i.e. PID)	
☐ Below ground utilities	☐ Utility location complete	
☒ Pinch Points	☒ Hand protection	
☐ Vibration	☐ Anti-vibration gloves	
☐ Overhead hazards	☐ Power lines, loose items, pipelines, etc.	
☐ Site traffic	☒ Reflective and/or bright colored clothing	
Other -- Perform site walk and talk through activities to recognize other hazards(Use comment section if necessary)		
☐ UXO awareness	☐	
☐	☐	
☐	☐	
☐	☐	

PPE (As necessary to reduce or eliminate hazards)

☒ Hard hats	☒ Foot protection (i.e. steel toes,	☒ H2S monitor, PID, Multi-gas meter
☒ Safety glasses	☒ Hand (i.e anti-vibration, nitrile)	☒ Respirators or dust guard
☒ Hearing protection	☐ Flotation devices	☐ Fall protection
☐ Fire resistant clothing	☐ Slip Protection (ice grippers)	☐ Face Shields
☐ Other:	☐ Other:	☐ Other:

Other considerations

☒ Spill kit	☒ Viable means of communication available	☒ Safe site access/egress
☒ Fire extinguisher	☒ Ensure necessary permits are in place	☒ Proper waste disposal
☒ First aid kit	☒ Confined space/trenching hazards	

Emergency gathering area: Red building

Location of nearest medical facility: Ravs Place

Emergency contacts:

Police: **Ambulance:** **Fire:**

Other:

Comments or special considerations:

I understand the HSE hazards of this job and agree to work safe and work smart.

Print name/company	Signature
Luke Hoffmann - AEI	
Jeff Orloff Aniakchak	
Celestie Christensen Aniakchak	
Holly Matson Aniakchak	
Lexie Lucassen Ahtna	
Kim Holmes AEI	
Tommy Brunswold ODF	

Ahtna Environmental, Inc. — Daily Tailgate Safety Meeting — Ahtna Engineering Services, LLC

Site Location: Port Heiden RRS Landfill (LF007) **Date:** 7/25/18

HSE Hazard Identification/Considerations

Hazard possibilities	Considerations	Comments
☒ Slips, trips & falls	☒ Hazard areas acknowledged	
☒ Adverse weather conditions	☒ Proper clothing available	
☒ Noise	☒ Hearing protection	
☐ Power tools/hand tools	☒ Inspected & in good working condition ☒ Operator familiar with proper use	
☒ Presence of heavy equipment	☒ Communication/eye contact w/ operator	
☐ Electrical	☐ GFCI/Power shut-off switch or breaker	
☐ Flam./explosive materials	☒ Correct storage/secure if transporting	
☒ Hazardous materials	☒ Spill prevention measures in place ☒ MSDS readily available	
☒ Travel to and from site	☒ Load secured ☒ Vehicle in good working condition	
☐ Wildlife interaction	☐ Right of way to wildlife/avoid interaction	
☐ Travel over sensitive areas	☒ Minimize unnecessary impacts	
☒ Hazardous atmospheres	☒ Atmospheric monitoring devices (i.e. PID)	
☐ Below ground utilities	☐ Utility location complete	
☒ Pinch Points	☒ Hand protection	
☒ Vibration	☐ Anti-vibration gloves	
☐ Overhead hazards	☐ Power lines, loose items, pipelines, etc.	
☐ Site traffic	☒ Reflective and/or bright colored clothing	
Other -- Perform site walk and talk through activities to recognize other hazards(Use comment section if necessary)		
☐ UXO awareness	☐	
☐	☐	
☐	☐	
☐	☐	

PPE (As necessary to reduce or eliminate hazards)

☒ Hard hats	☒ Foot protection (i.e. steel toes,	☒ H2S monitor, PID, Multi-gas meter
☒ Safety glasses	☒ Hand (i.e anti-vibration, nitrile)	☒ Respirators or dust guard
☒ Hearing protection	☐ Flotation devices	☐ Fall protection
☐ Fire resistant clothing	☐ Slip Protection (ice grippers)	☐ Face Shields
☐ Other:	☐ Other:	☐ Other:

Other considerations

☒ Spill kit	☒ Viable means of communication available	☒ Safe site access/egress
☒ Fire extinguisher	☒ Ensure necessary permits are in place	☒ Proper waste disposal
☒ First aid kit	☒ Confined space/trenching hazards	

Emergency gathering area: Red Building

Location of nearest medical facility: RAYS Building

Emergency contacts:

Police: Ambulance: Fire:

Other:

Comments or special considerations:

I understand the HSE hazards of this job and agree to work safe and work smart.

Print name/company	Signature
Luke Hoffmann – AEI	
Jeff Orloff Aniakchak	
Chester Anderson Aniakchak	
Holly Matson Ahtna	
Dexie Lucassen Ahtna	
Nick Simmons Ahtna	
Tim Holmes AEI	
Craig Sola USACE	

Ahtna Environmental, Inc. — Daily Tailgate Safety Meeting — Ahtna Engineering Services, LLC

Site Location: Port Heiden RRS Landfill (LF007) **Date:** 7/26/18

HSE Hazard Identification/Considerations

Hazard possiblities	Considerations	Comments
☒ Slips, trips & falls	☒ Hazard areas acknowledged	
☐ Adverse weather conditions	☒ Proper clothing available	
☒ Noise	☒ Hearing protection	
☐ Power tools/hand tools	☒ Inspected & in good working condition	
	☒ Operator familiar with proper use	
☒ Presence of heavy equipment	☒ Communication/eye contact w/ operator	
☐ Electrical	☐ GFCI/Power shut-off switch or breaker	
☐ Flam./explosive materials	☒ Correct storage/secure if transporting	
☒ Hazardous materials	☒ Spill prevention measures in place	
	☒ MSDS readily available	
☒ Travel to and from site	☒ Load secured	
	☒ Vehicle in good working condition	
☒ Wildlife interaction	☐ Right of way to wildlife/avoid interaction	
☐ Travel over sensitive areas	☐ Minimize unnecessary impacts	
☒ Hazardous atmospheres	☒ Atmospheric monitoring devices (i.e. PID)	
☐ Below ground utilities	☐ Utility location complete	
☐ Pinch Points	☒ Hand protection	
☐ Vibration	☐ Anti-vibration gloves	
☐ Overhead hazards	☐ Power lines, loose items, pipelines, etc.	
☒ Site traffic	☒ Reflective and/or bright colored clothing	
Other -- Perform site walk and talk through activities to recognize other hazards(Use comment section if necessary)		
☐ UXO awareness	☐	
☐	☐	
☐	☐	
☐	☐	
☐	☐	

PPE (As necessary to reduce or eliminate hazards)

☒ Hard hats	☒ Foot protection (i.e. steel toes,	☒ H2S monitor, PID, Multi-gas meter
☒ Safety glasses	☒ Hand (i.e anti-vibration, nitrile)	☐ Respirators or dust guard
☒ Hearing protection	☐ Flotation devices	☐ Fall protection
☐ Fire resistant clothing	☐ Slip Protection (ice grippers)	☐ Face Shields
☐ Other:	☐ Other:	☐ Other:

Other considerations

☒ Spill kit	☒ Viable means of communication available	☒ Safe site access/egress
☒ Fire extinguisher	☒ Ensure necessary permits are in place	☒ Proper waste disposal
☒ First aid kit	☒ Confined space/trenching hazards	

Emergency gathering area: Red Building

Location of nearest medical facility: Rays place

Emergency contacts:

Police: **Ambulance:** **Fire:**

Other:

Comments or special considerations.

I understand the HSE hazards of this job and agree to work safe and work smart.

Print name/company	Signature
Zach Hoffman - AEI	
Jeff Orloff Anlakchak	
Celeste Christensen Anlakchak	
Holly Watson Anlakchak	
Tim Holmes AEI	
Nick Simmons AEI	
Lexie Lucassen AEI	

Ahtna Environmental, Inc.

Daily Tailgate Safety Meeting

Ahtna Engineering Services, LLC

Site Location: Port Heiden RRS Landfill (LF007) **Date:** 7/27/18

HSE Hazard Identification/Considerations

Hazard possibilities	Considerations	Comments
☒ Slips, trips & falls	☒ Hazard areas acknowledged	
☐ Adverse weather conditions	☒ Proper clothing available	
☐ Noise	☒ Hearing protection	
☐ Power tools/hand tools	☒ Inspected & in good working condition ☒ Operator familiar with proper use	
☐ Presence of heavy equipment	☒ Communication/eye contact w/ operator	
☐ Electrical	☐ GFCI/Power shut-off switch or breaker	
☒ Flam./explosive materials	☒ Correct storage/secure if transporting	
☒ Hazardous materials	☒ Spill prevention measures in place ☒ MSDS readily available	
☒ Travel to and from site	☒ Load secured ☒ Vehicle in good working condition	
☐ Wildlife interaction	☐ Right of way to wildlife/avoid interaction	
☐ Travel over sensitive areas	☒ Minimize unnecessary impacts	
☐ Hazardous atmospheres	☒ Atmospheric monitoring devices (i.e. PID)	
☐ Below ground utilities	☐ Utility location complete	
☐ Pinch Points	☒ Hand protection	
☐ Vibration	☐ Anti-vibration gloves	
☐ Overhead hazards	☐ Power lines, loose items, pipelines, etc.	
☒ Site traffic	☒ Reflective and/or bright colored clothing	

Other -- Perform site walk and talk through activities to recognize other hazards(Use comment section if necessary)

☐ UXO awareness		

PPE (As necessary to reduce or eliminate hazards)

☒ Hard hats	☒ Foot protection (i.e. steel toes,	☒ H2S monitor, PID, Multi-gas meter
☒ Safety glasses	☒ Hand (i.e anti-vibration, nitrile)	☐ Respirators or dust guard
☒ Hearing protection	☐ Flotation devices	☐ Fall protection
☐ Fire resistant clothing	☐ Slip Protection (ice grippers)	☐ Face Shields
☐ Other:	☐ Other:	☐ Other:

Other considerations

☒ Spill kit	☒ Viable means of communication available	☒ Safe site access/egress
☒ Fire extinguisher	☒ Ensure necessary permits are in place	☒ Proper waste disposal
☒ First aid kit	☐ Confined space/trenching hazards	

Emergency gathering area: Red Building

Location of nearest medical facility: Rays Place

Emergency contacts:

Police: **Ambulance:** **Fire:**

Other:

Comments or special considerations:

I understand the HSE hazards of this job and agree to work safe and work smart.

Print name/company	Signature
Zak Hoffmann — AEI	
Jeff Arluff Anjakchak	
Celeste Christensen Anjakchak	
Holly Watson Anjakchak	
Kim Holmes AEI	
Nick Simmons AEI	
Lexie Lucassen AEI	

Ahtna Environmental, Inc.

Daily Tailgate Safety Meeting

Ahtna Engineering Services, LLC

Site Location: Port Heiden RRS Landfill (LF007) **Date:** 7/28/18

HSE Hazard Identification/Considerations

Hazard possiblities	Considerations	Comments
☒ Slips, trips & falls	☒ Hazard areas acknowledged	
☒ Adverse weather conditions	☒ Proper clothing available	
☐ Noise	☒ Hearing protection	
☐ Power tools/hand tools	☒ Inspected & in good working condition	
	☒ Operator familiar with proper use	
☐ Presence of heavy equipment	☒ Communication/eye contact w/ operator	
☐ Electrical	☐ GFCI/Power shut-off switch or breaker	
☐ Flam./explosive materials	☒ Correct storage/secure if transporting	
☐ Hazardous materials	☒ Spill prevention measures in place	
	☒ MSDS readily available	
☒ Travel to and from site	☒ Load secured	
	☒ Vehicle in good working condition	
☐ Wildlife interaction	☐ Right of way to wildlife/avoid interaction	
☐ Travel over sensitive areas	☐ Minimize unnecessary impacts	
☐ Hazardous atmospheres	☐ Atmospheric monitoring devices (i.e. PID)	
☐ Below ground utilities	☐ Utility location complete	
☐ Pinch Points	☒ Hand protection	
☐ Vibration	☐ Anti-vibration gloves	
☐ Overhead hazards	☐ Power lines, loose items, pipelines, etc.	
☐ Site traffic	☒ Reflective and/or bright colored clothing	
Other -- Perform site walk and talk through activities to recognize other hazards(Use comment section if necessary)		
☐ UXO awareness		

PPE (As necessary to reduce or eliminate hazards)

☐ Hard hats	☐ Foot protection (i.e. steel toes,	☐ H2S monitor, PID, Multi-gas meter
☒ Safety glasses	☐ Hand (i.e anti-vibration, nitrile)	☐ Respirators or dust guard
☐ Hearing protection	☐ Flotation devices	☐ Fall protection
☐ Fire resistant clothing	☐ Slip Protection (ice grippers)	☐ Face Shields
☐ Other:	☐ Other:	☐ Other:

Other considerations

☐ Spill kit	☐ Viable means of communication available	☐ Safe site access/egress
☐ Fire extinguisher	☐ Ensure necessary permits are in place	☐ Proper waste disposal
☐ First aid kit	☐ Confined space/trenching hazards	

Emergency gathering area: Red Buildings

Location of nearest medical facility: PAVS clinic

Emergency contacts:

Police: **Ambulance:** **Fire:**

Other:

Comments or special considerations:

Sampling Wells, Waste & packing

I understand the HSE hazards of this job and agree to work safe and work smart.

Print name/company	Signature
[illegible] - AEI	
Nick Simmons - AEI	
Kim Tolmie AEI	

Ahtna Environmental, Inc.

Daily Tailgate Safety Meeting

Ahtna Engineering Services, LLC

Site Location: Port Heiden RRS Landfill (LF007) **Date:** 7/29/18

HSE Hazard Identification/Considerations

Hazard possibilities	Considerations	Comments
☒ Slips, trips & falls	☒ Hazard areas acknowledged	
☒ Adverse weather conditions	☒ Proper clothing available	
☐ Noise	☒ Hearing protection	
☐ Power tools/hand tools	☒ Inspected & in good working condition ☒ Operator familiar with proper use	
☐ Presence of heavy equipment	☒ Communication/eye contact w/ operator	
☐ Electrical	☐ GFCI/Power shut-off switch or breaker	
☐ Flam./explosive materials	☒ Correct storage/secure if transporting	
☐ Hazardous materials	☒ Spill prevention measures in place ☒ MSDS readily available	
☒ Travel to and from site	☒ Load secured ☒ Vehicle in good working condition	
☐ Wildlife interaction	☐ Right of way to wildlife/avoid interaction	
☐ Travel over sensitive areas	☐ Minimize unnecessary impacts	
☐ Hazardous atmospheres	☐ Atmospheric monitoring devices (i.e. PID)	
☐ Below ground utilities	☐ Utility location complete	
☐ Pinch Points	☒ Hand protection	
☐ Vibration	☐ Anti-vibration gloves	
☐ Overhead hazards	☐ Power lines, loose items, pipelines, etc.	
☐ Site traffic	☒ Reflective and/or bright colored clothing	
Other -- Perform site walk and talk through activities to recognize other hazards(Use comment section if necessary)		
☐ UXO awareness		

PPE (As necessary to reduce or eliminate hazards)

☐ Hard hats	☐ Foot protection (i.e. steel toes,	☐ H2S monitor, PID, Multi-gas meter
☒ Safety glasses	☐ Hand (i.e anti-vibration, nitrile)	☐ Respirators or dust guard
☐ Hearing protection	☐ Flotation devices	☐ Fall protection
☐ Fire resistant clothing	☐ Slip Protection (ice grippers)	☐ Face Shields
☐ Other:	☐ Other:	☐ Other:

Other considerations

☐ Spill kit	☐ Viable means of communication available	☐ Safe site access/egress
☐ Fire extinguisher	☐ Ensure necessary permits are in place	☐ Proper waste disposal
☐ First aid kit	☐ Confined space/trenching hazards	

Emergency gathering area: Red Buildings

Location of nearest medical facility: PAVS clinic

Emergency contacts:

Police: **Ambulance:** **Fire:**

Other:

Comments or special considerations:

Sapling Wells, Waste B parking

I understand the HSE hazards of this job and agree to work safe and work smart.

Print name/company	Signature
Luke Hoffman - AEI	
Nick Simmons - AES	
Kim Holland AEI	

Ahtna Environmental, Inc.

Daily Tailgate Safety Meeting

Ahtna Engineering Services, LLC

Site Location: Port Helden RRS Landfill (LF007)

Date: 7/30/18

HSE Hazard Identification/Considerations

Hazard possibilities	Considerations	Comments
☒ Slips, trips & falls	☒ Hazard areas acknowledged	
☒ Adverse weather conditions	☒ Proper clothing available	
☐ Noise	☒ Hearing protection	
☐ Power tools/hand tools	☒ Inspected & in good working condition ☒ Operator familiar with proper use	
☐ Presence of heavy equipment	☒ Communication/eye contact w/ operator	
☐ Electrical	☐ GFCI/Power shut-off switch or breaker	
☐ Flam./explosive materials	☒ Correct storage/secure if transporting	
☐ Hazardous materials	☒ Spill prevention measures in place ☒ MSDS readily available	
☒ Travel to and from site	☒ Load secured ☒ Vehicle in good working condition	
☐ Wildlife interaction	☐ Right of way to wildlife/avoid interaction	
☐ Travel over sensitive areas	☐ Minimize unnecessary impacts	
☐ Hazardous atmospheres	☐ Atmospheric monitoring devices (i.e. PID)	
☐ Below ground utilities	☐ Utility location complete	
☐ Pinch Points	☒ Hand protection	
☐ Vibration	☐ Anti-vibration gloves	
☐ Overhead hazards	☐ Power lines, loose items, pipelines, etc.	
☐ Site traffic	☒ Reflective and/or bright colored clothing	
Other -- Perform site walk and talk through activities to recognize other hazards(Use comment section if necessary)		
☐ UXO awareness		

PPE (As necessary to reduce or eliminate hazards)

☐ Hard hats	☐ Foot protection (i.e. steel toes,	☐ H2S monitor, PID, Multi-gas meter
☒ Safety glasses	☐ Hand (i.e anti-vibration, nitrile)	☐ Respirators or dust guard
☐ Hearing protection	☐ Flotation devices	☐ Fall protection
☐ Fire resistant clothing	☐ Slip Protection (ice grippers)	☐ Face Shields
☐ Other:	☐ Other:	☐ Other:

Other considerations

☐ Spill kit	☐ Viable means of communication available	☐ Safe site access/egress
☐ Fire extinguisher	☐ Ensure necessary permits are in place	☐ Proper waste disposal
☐ First aid kit	☐ Confined space/trenching hazards	

Emergency gathering area: Red Buildings

Location of nearest medical facility: RAYS door

Emergency contacts:

Police: **Ambulance:** **Fire:**

Other:

Comments or special considerations:

Sampling Wells, Waste B packing

I understand the HSE hazards of this job and agree to work safe and work smart.

Print name/company	Signature
[illegible] - AEI	
Nick Simmons AES	
Kim Hopkins AEI	

Ahtna Environmental, Inc.

Daily Tailgate Safety Meeting

Ahtna Engineering Services, LLC

Site Location: Port Heiden RRS Landfill (LF007)

Date: 11/2/18

HSE Hazard Identification/Considerations

Hazard possiblities	Considerations	Comments
☒ Slips, trips & falls	☐ Hazard areas acknowledged	
☐ Adverse weather conditions	☐ Proper clothing available	
☐ Noise	☐ Hearing protection	
☒ Power tools/hand tools	☐ Inspected & in good working condition	
☐	☐ Operator familiar with proper use	
☐ Presence of heavy equipment	☐ Communication/eye contact w/ operator	
☐ Electrical	☐ GFCI/Power shut-off switch or breaker	
☐ Flam./explosive materials	☐ Correct storage/secure if transporting	
☐ Hazardous materials	☐ Spill prevention measures in place	
	☐ MSDS readily available	
☒ Travel to and from site	☐ Load secured	
	☐ Vehicle in good working condition	
☐ Wildlife interaction	☐ Right of way to wildlife/avoid interaction	
☐ Travel over sensitive areas	☐ Minimize unnecessary impacts	
☐ Hazardous atmospheres	☐ Atmospheric monitoring devices (i.e. PID)	
☐ Below ground utilities	☐ Utility location complete	
☐ Pinch Points	☐ Hand protection	
☐ Vibration	☐ Anti-vibration gloves	
☐ Overhead hazards	☐ Power lines, loose items, pipelines, etc.	
☐ Site traffic	☐ Reflective and/or bright colored clothing	
Other -- Perform site walk and talk through activities to recognize other hazards(Use comment section if necessary)		
☐ UXO awareness	☐	
☐	☐	
☐	☐	
☐	☐	

PPE (As necessary to reduce or eliminate hazards)

☐ Hard hats	☒ Foot protection (i.e. steel toes	☐ H2S monitor, PID, Multi-gas meter
☒ Safety glasses	☒ Hand (i.e anti-vibration, nitrile)	☐ Respirators or dust guard
☐ Hearing protection	☐ Flotation devices	☐ Fall protection
☐ Fire resistant clothing	☐ Slip Protection (ice grippers)	☐ Face Shields
☐ Other:	☐ Other:	☐ Other:

Other considerations

☐ Spill kit	☒ Viable means of communication available	☒ Safe site access/egress
☒ Fire extinguisher	☐ Ensure necessary permits are in place	☐ Proper waste disposal
☒ First aid kit	☐ Confined space/trenching hazards	

Emergency gathering area:

Location of nearest medical facility: RAYS place

Emergency contacts:

Police: Ambulance: Fire:

Other:

Comments or special considerations:

Survey & site condition assessment

I understand the HSE hazards of this job and agree to work safe and work smart.

Print name/company		Signature
Luke Hoffman	AEI	
Kim Holmes	AEI	

Ahtna Environmental, Inc.

Daily Tailgate Safety Meeting

Ahtna Engineering Services, LLC

Site Location: Port Heiden RRS Landfill (LF007)

Date: 11/3/18

HSE Hazard Identification/Considerations

Hazard possiblities	Considerations	Comments
☑ Slips, trips & falls	☑ Hazard areas acknowledged	
☐ Adverse weather conditions	☑ Proper clothing available	
☐ Noise	☑ Hearing protection	
☐ Power tools/hand tools	☑ Inspected & in good working condition ☑ Operator familiar with proper use	
☑ Presence of heavy equipment	☑ Communication/eye contact w/ operator	
☐ Electrical	☐ GFCI/Power shut-off switch or breaker	
☐ Flam./explosive materials	☑ Correct storage/secure if transporting	
☑ Hazardous materials PCBs	☑ Spill prevention measures in place ☑ MSDS readily available	
☑ Travel to and from site	☑ Load secured ☑ Vehicle in good working condition	
☐ Wildlife interaction	☐ Right of way to wildlife/avoid interaction	
☐ Travel over sensitive areas	☐ Minimize unnecessary impacts	
☐ Hazardous atmospheres	☐ Atmospheric monitoring devices (i.e. PID)	
☐ Below ground utilities	☐ Utility location complete	
☑ Pinch Points	☑ Hand protection	
☑ Vibration	☐ Anti-vibration gloves	
☐ Overhead hazards	☐ Power lines, loose items, pipelines, etc.	
☑ Site traffic	☑ Reflective and/or bright colored clothing	
Other -- Perform site walk and talk through activities to recognize other hazards(Use comment section if necessary)		
☐ UXO awareness	☐	
☐	☐	
☐	☐	
☐	☐	

PPE (As necessary to reduce or eliminate hazards)

☑ Hard hats	☑ Foot protection (i.e. steel toes,	☐ H2S monitor, PID, Multi-gas meter
☑ Safety glasses	☑ Hand (i.e anti-vibration, nitrile)	☐ Respirators or dust guard
☑ Hearing protection	☐ Flotation devices	☐ Fall protection
☐ Fire resistant clothing	☐ Slip Protection (ice grippers)	☐ Face Shields
☐ Other:	☐ Other:	☐ Other:

Other considerations

☑ Spill kit	☑ Viable means of communication available	☑ Safe site access/egress
☑ Fire extinguisher	☑ Ensure necessary permits are in place	☑ Proper waste disposal
☑ First aid kit	☐ Confined space/trenching hazards	

Emergency gathering area: RAYs place

Location of nearest medical facility: RAYs place

Emergency contacts:

Police: — Ambulance: — Fire: —

Other:

Comments or special considerations:

I understand the HSE hazards of this job and agree to work safe and work smart.

Print name/company	Signature
Luke Hoffman AEI	
Celeste Christensen Ahtna Inc	
Andrew Lind Ahtna Inc	
Kim Holmes AEI	

Ahtna Environmental, Inc.

Daily Tailgate Safety Meeting

Ahtna Engineering Services, LLC

Site Location: Port Heiden RRS Landfill (LF007)

Date: 11/4/18

HSE Hazard Identification/Considerations

Hazard possiblities	Considerations	Comments
☐ Slips, trips & falls	☐ Hazard areas acknowledged	
☐ Adverse weather conditions	☐ Proper clothing available	
☐ Noise	☐ Hearing protection	
☐ Power tools/hand tools	☐ Inspected & in good working condition ☐ Operator familiar with proper use	
☐ Presence of heavy equipment	☐ Communication/eye contact w/ operator	
☐ Electrical	☐ GFCI/Power shut-off switch or breaker	
☐ Flam. /explosive materials	☐ Correct storage/secure if transporting	
☐ Hazardous materials	☐ Spill prevention measures in place ☐ MSDS readily available	
☐ Travel to and from site	☐ Load secured ☐ Vehicle in good working condition	
☐ Wildlife interaction	☐ Right of way to wildlife/avoid interaction	
☐ Travel over sensitive areas	☐ Minimize unnecessary impacts	
☐ Hazardous atmospheres	☐ Atmospheric monitoring devices (i.e. PID)	
☐ Below ground utilities	☐ Utility location complete	
☐ Pinch Points	☐ Hand protection	
☐ Vibration	☐ Anti-vibration gloves	
☐ Overhead hazards	☐ Power lines, loose items, pipelines, etc.	
☐ Site traffic	☐ Reflective and/or bright colored clothing	
Other -- Perform site walk and talk through activities to recognize other hazards(Use comment section if necessary)		
☐ UXO awareness	☐	
☐	☐	
☐	☐	
☐	☐	
☐	☐	

PPE (As necessary to reduce or eliminate hazards)

☐ Hard hats	☐ Foot protection (i.e. steel toes,	☐ H2S monitor, PID, Multi-gas meter
☐ Safety glasses	☐ Hand (i.e anti-vibration, nitrile)	☐ Respirators or dust guard
☐ Hearing protection	☐ Flotation devices	☐ Fall protection
☐ Fire resistant clothing	☐ Slip Protection (ice grippers)	☐ Face Shields
☐ Other:	☐ Other:	☐ Other:

Other considerations

☐ Spill kit	☐ Viable means of communication available	☐ Safe site access/egress
☐ Fire extinguisher	☐ Ensure necessary permits are in place	☐ Proper waste disposal
☐ First aid kit	☐ Confined space/trenching hazards	

Emergency gathering area:

Location of nearest medical facility:

Emergency contacts:

Police: Ambulance: Fire:

Other:

Comments or special considerations:

Survey | Waste Mgmt & Shipping prep.

I understand the HSE hazards of this job and agree to work safe and work smart.

Print name/company		Signature
[illegible]	AEI	
Erin Holmes	AEI	

HEAVY EQUIPMENT INSPECTION CHECKLIST (WEEKLY FORMAT)

This form shall be used to document heavy equipment (e.g., earthmoving equipment) inspections. Heavy equipment shall be inspected prior to each use, but not more often than daily. All components shall be inspected for damage and proper operation. Any component failing the inspection shall be corrected prior to earthmoving equipment use. Check each box after passing inspection and initial bottom of form each day. Items that are "Not Applicable" must be noted with an NA.

Project / Location: PTH. NLF Project Supervisor: Luke Hoffmann

Equipment Type: CAT 320C EX Unit/License #: _____ Week of: 7/16-7/22/2018

INSPECTION ITEM	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Corrective Action Required
Visual Checks								
Operating manual - present				✓	✓	✓	✓	
Controls - labeled as to their function, visible and legible, safety latches/guards present				✓	✓	✓	✓	
Tires/tracks - proper inflation/tension, not excessively worn or damaged				✓	✓	✓	✓	
Fluid levels/leaks - engine, transmission, hydraulic, radiator, swing motor and PTO oils.				✓	✓	✓	✓	
Lubrication - to the manufacturer's specifications				✓	✓	✓	✓	
Air filter ~~gauge - gauge is not in the red zone.~~				✓	✓	✓	✓	
Hydraulics - no fluid leaks, connections tight, hoses, cylinders free of damage.				✓	✓	✓	✓	
Hoses/belts - held securely, not loose or rubbing, no excessive wear or crimping				✓	✓	✓	✓	
Fuel system - tank free of damage, all valves/hoses secure, no leaks				✓	✓	✓	✓	
Body & ground-engaging tools - no damage, cracks, bends, or excessive wear.				✓	✓	✓	✓	
Cylinders/articulation joints - no worn pins, loose connections or other damage.				✓	✓	✓	✓	
Roll-over protective structures (ROPS) - no damage, no cracks or bends				NA	NA	NA	NA	
Seat belt/bar - required unless operator stands or no ROPS				✓	✓	✓	✓	
Handrails, steps, platforms - clean, free from grease, oil, clear of obstructions.				✓	✓	✓	✓	
Cab glass - safety glass, clean, no cracks or visible distortion				✓	✓	✓	✓	
Mirrors - properly adjusted, no cracks or visible distortion				✓	✓	✓	✓	
Windshield wipers, fluid, and defroster - functioning				✓	✓	✓	✓	no windshield fluid
Machine guards - present and in good condition				✓	✓	✓	✓	
Fire extinguisher - present and charged				NA	NA	NA	NA	
Operational Checks - check items through normal maneuvers				✓	✓	✓	✓	
Horn & back-up alarm - operating and distinguishable from surrounding noise				✓	✓	✓	✓	
Lights, directional signals, and brake lights - functioning				✓	✓	✓	✓	one light out
Gauges/indicators - visible and working properly				✓	✓	✓	✓	
Operating controls - lift and tilt functioning properly				✓	✓	✓	✓	
Outriggers, if present - functioning properly				NA	NA	NA	NA	
Accelerator - even acceleration, does not stick				✓	✓	✓	✓	
Brakes (service & parking) - brings to complete stop, holds in fixed position				✓	✓	✓	✓	
Steering - responsive, minimal looseness				✓	✓	✓	✓	
Exhaust system - guarded if potential for contact, no signs of sparks/leaks				✓	✓	✓	✓	
Inspector's / Operators Initials:				CAC	CAC	CAC	CAC	

HEAVY EQUIPMENT INSPECTION CHECKLIST (WEEKLY FORMAT)

This form shall be used to document heavy equipment (e.g., earthmoving equipment) inspections. Heavy equipment shall be inspected prior to each use, but not more often than daily. All components shall be inspected for damage and proper operation. Any component failing the inspection shall be corrected prior to earthmoving equipment use. Check each box after passing inspection and initial bottom of form each day. Items that are "Not Applicable" must be noted with an NA.

Project / Location: PTH, NLF Project Supervisor: Luke Hoffmann

Equipment Type: CAT 320C EX Unit/License#: NA Week of: 07-23/07-2 20

INSPECTION ITEM	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Corrective Action Required
Visual Checks								
Operating manual - present	✓	✓	✓	✓				
Controls - labeled as to their function, visible and legible, safety latches/guards present	✓	✓	✓	✓				
Tires/tracks - proper inflation/tension, not excessively worn or damaged	✓	✓	✓	✓				
Fluid levels/leaks - engine, transmission, hydraulic, radiator, swing motor and PTO oils.	✓	✓	✓	✓				
Lubrication - to the manufacturer's specifications	✓	✓	✓	✓				
Air filter gauge ~~- gauge is not in the red zone.-~~	✓	✓	✓	✓				
Hydraulics - no fluid leaks, connections tight, hoses, cylinders free of damage.	✓	✓	✓	✓				
Hoses/belts - held securely, not loose or rubbing, no excessive wear or crimping	✓	✓	✓	✓				
Fuel system - tank free of damage, all valves/hoses secure, no leaks	✓	✓	✓	✓				
Body & ground-engaging tools - no damage, cracks, bends, or excessive wear.	✓	✓	✓	✓				
Cylinders/articulation joints - no worn pins, loose connections or other damage.	✓	✓	✓	✓				
Roll-over protective structures (ROPS) - no damage, no cracks or bends	/	/	/	/				
Seat belt/bar - required unless operator stands or no ROPS	✓	✓	✓	✓				
Handrails, steps, platforms - clean, free from grease, oil, clear of obstructions.	✓	✓	✓	✓				
Cab glass - safety glass, clean, no cracks or visible distortion	✓	✓	✓	✓				
Mirrors - properly adjusted, no cracks or visible distortion	✓	✓	✓	✓				
Windshield wipers, fluid, and defroster - functioning	✓	✓	✓	✓				no fluid
Machine guards - present and in good condition	✓	✓	✓	✓				
Fire extinguisher - present and charged	/	/	/	/				
Operational Checks - check items through normal maneuvers	✓	✓	✓	✓				
Horn & back-up alarm - operating and distinguishable from surrounding noise	✓	✓	✓	✓				
Lights, directional signals, and brake lights - functioning	✓	✓	✓	✓				1 out
Gauges/indicators - visible and working properly	✓	✓	✓	✓				
Operating controls - lift and tilt functioning properly	✓	✓	✓	✓				
Outriggers, if present - functioning properly	/	/	/	/				
Accelerator - even acceleration, does not stick	✓	✓	✓	✓				
Brakes (service & parking) - brings to complete stop, holds in fixed position	✓	✓	✓	✓				
Steering - responsive, minimal looseness	✓	✓	✓	✓				
Exhaust system - guarded if potential for contact, no signs of sparks/leaks	✓	✓	✓	✓				
Inspector's / Operators Initials:	[illegible]							

Start: 43040

HEAVY EQUIPMENT INSPECTION CHECKLIST (WEEKLY FORMAT)

This form shall be used to document heavy equipment (e.g., earthmoving equipment) inspections. Heavy equipment shall be inspected prior to each use, but not more often than daily. All components shall be inspected for damage and proper operation. Any component failing the inspection shall be corrected prior to earthmoving equipment use. Check each box after passing inspection and initial bottom of form each day. Items that are "Not Applicable" must be noted with an NA.

Project / Location: FTH NLF Project Supervisor: Luke Hoffmann

Equipment Type: Volvo loader L180F Unit/License#: N/A Week of: 16th

INSPECTION ITEM	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Corrective Action Required
Visual Checks					✓	✓	✓	
Operating manual - present					✓	✓	✓	
Controls - labeled as to their function, visible and legible, safety latches/guards present					✓	✓	✓	
Tires/tracks - proper inflation/tension, not excessively worn or damaged					✓	✓	✓	
Fluid levels/leaks - engine, transmission, hydraulic, radiator, swing motor and PTO oils.					X	✓	✓	low coolant
Lubrication - to the manufacturer's specifications					✓	✓	✓	
Air filter gauge - gauge is not in the red zone.					✓	✓	✓	
Hydraulics - no fluid leaks, connections tight, hoses, cylinders free of damage.					✓	✓	✓	
Hoses/belts - held securely, not loose or rubbing, no excessive wear or crimping					✓	✓	✓	
Fuel system - tank free of damage, all valves/hoses secure, no leaks					✓	✓	✓	
Body & ground-engaging tools - no damage, cracks, bends, or excessive wear.					✓	✓	✓	
Cylinders/articulation joints - no worn pins, loose connections or other damage.					✓	✓	✓	
Roll-over protective structures (ROPS) - no damage, no cracks or bends					✓	✓	✓	
Seat belt/bar - required unless operator stands or no ROPS						✓	✓	
Handrails, steps, platforms - clean, free from grease, oil, clear of obstructions.					✓	✓	✓	
Cab glass - safety glass, clean, no cracks or visible distortion					✓	✓	✓	
Mirrors - properly adjusted, no cracks or visible distortion					✓	✓	✓	
Windshield wipers, fluid, and defroster - functioning					✓	✓	✓	BW
Machine guards - present and in good condition					✓	✓	✓	
Fire extinguisher - present and charged					✓	✓	✓	
Operational Checks - check items through normal maneuvers								
Horn & back-up alarm - operating and distinguishable from surrounding noise					✓	✓	✓	
Lights, directional signals, and brake lights - functioning					✓	✓	✓	
Gauges/indicators - visible and working properly					✓	✓	✓	
Operating controls - lift and tilt functioning properly					✓	✓	✓	
Outriggers, if present - functioning properly								
Accelerator - even acceleration, does not stick					✓	✓	✓	
Brakes (service & parking) - brings to complete stop, holds in fixed position					✓	✓	✓	
Steering - responsive, minimal looseness					✓	✓	✓	
Exhaust system - guarded if potential for contact, no signs of sparks/leaks					✓	✓	✓	
Inspector's / Operators Initials:					JD	JD	JD	

HEAVY EQUIPMENT INSPECTION CHECKLIST (WEEKLY FORMAT)

This form shall be used to document heavy equipment (e.g., earthmoving equipment) inspections. Heavy equipment shall be inspected prior to each use, but not more often than daily. All components shall be inspected for damage and proper operation. Any component failing the inspection shall be corrected prior to earthmoving equipment use. Check each box after passing inspection and initial bottom of form each day. Items that are "Not Applicable" must be noted with an NA.

Project / Location: TESA PIT NLF Project Supervisor: Luke

Equipment Type: Volvo loader L180F Unit/License #: _____ Week of: 7/23

INSPECTION ITEM	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Corrective Action Required
Visual Checks								
Operating manual - present	✓	✓	✓	✓				
Controls - labeled as to their function, visible and legible, safety latches/guards present	✓	✓	✓	✓				
Tires/tracks - proper inflation/tension, not excessively worn or damaged	✓	✓	✓	✓				
Fluid levels/leaks - engine, transmission, hydraulic, radiator, swing motor and PTO oils.	✓	✓	✓	✓				
Lubrication - to the manufacturer's specifications	✓	✓	✓	✓				
Air filter gauge - gauge is not in the red zone.	✓	✓	✓	✓				
Hydraulics - no fluid leaks, connections tight, hoses, cylinders free of damage.	✓	✓	✓	✓				
Hoses/belts - held securely, not loose or rubbing, no excessive wear or crimping	✓	✓	✓	✓				
Fuel system - tank free of damage, all valves/hoses secure, no leaks	✓	✓	✓	✓				
Body & ground-engaging tools - no damage, cracks, bends, or excessive wear.	✓	✓	✓	✓				
Cylinders/articulation joints - no worn pins, loose connections or other damage.	✓	✓	✓	✓				
Roll-over protective structures (ROPS) - no damage, no cracks or bends	✓	✓	✓	✓				
Seat belt/bar - required unless operator stands or no ROPS	✓	✓	✓	✓				
Handrails, steps, platforms - clean, free from grease, oil, clear of obstructions.	✓	✓	✓	✓				
Cab glass - safety glass, clean, no cracks or visible distortion	✓	✓	✓	✓				
Mirrors - properly adjusted, no cracks or visible distortion	✓	✓	✓	✓				
Windshield wipers, fluid, and defroster - functioning	✓	✓	✓	✓				
Machine guards - present and in good condition	✓	✓	✓	✓				
Fire extinguisher - present and charged	✓	✓	✓	✓				
Operational Checks - check items through normal maneuvers								
Horn & back-up alarm - operating and distinguishable from surrounding noise	✓	✓	✓	✓				
Lights, directional signals, and brake lights - functioning	✓	✓	✓	✓				
Gauges/indicators - visible and working properly	✓	✓	✓	✓				
Operating controls - lift and tilt functioning properly	✓	✓	✓	✓				
Outriggers, if present - functioning properly								
Accelerator - even acceleration, does not stick	✓	✓	✓	✓				
Brakes (service & parking) - brings to complete stop, holds in fixed position	✓	✓	✓	✓				
Steering - responsive, minimal looseness	✓	✓	✓	✓				
Exhaust system - guarded if potential for contact, no signs of sparks/leaks	✓	✓	✓	✓				
Inspector's / Operators Initials:	JO	JO	JO	JO				

DRIVER'S VEHICLE INSPECTION REPORT

DATE: July June 20, 2018 TIME: 2:18 p.m

*GIVE DETAILS UNDER "REMARKS" ODOMETER READING

EQUIPMENT NAME & NUMBER:

008 CIS START: 2727 hr. STOP:
22246 mi

Check Box if OK

(Note in "remarks" if attention needed):

- ☑ Air Compressor
- ☐ Air Lines
- ☑ Battery
- ☑ Body
- ☐ Brake Accessories
- ☑ Brakes, Parking
- ☐ Brakes, Service
- ☐ Clutch
- ☑ Defroster/Heater
- ☑ Drive Line
- ☑ Engine
- ☑ Exhaust
- ☐ Fifth Wheel
- ☑ Frame and Assembly
- ☑ Front Axle
- ☑ Fuel Tanks
- ☐ Generator
- ☑ Horn
- ☑ Lights:
  - ☐ Head - Stop
  - ☐ Tail - Dash
- ☑ Turn Indicators
- ☑ Mirrors
- ☑ Muffler
- ☑ Oil Pressure
- ☑ Radiator
- ☑ Rear End
- ☐ Reflections
- ☐ Safety Equipment:
  - ☐ Fire Extinguisher
  - ☐ Reflective Triangles
  - ☐ Flags - Flares - Fuses
  - ☐ Spare Bulbs & Fuses
  - ☐ Spare Seal Beam
- ☐ Suspension System
- ☑ Starter
- ☑ Steering
- ☑ Tachograph (speedometer)
- ☑ Tires
- ☐ Tire Chains
- ☑ Transmission
- ☑ Wheels and Rims
- ☑ Windows
- ☑ Windshield Wipers
- ☐ Other:

REMARKS: Key broken, air leak, no windshield fluid

☐ CONDITION OF THE ABOVE EQUIPMENT SATISFACTORY

☐ ABOVE DEFECTS CORRECTED

☐ ABOVE DEFECTS NEED NOT BE CORRECTED FOR SAFE OPERATION OF VEHICLE

DRIVER'S Printed Name: Celestee Christensen

DRIVER'S SIGNATURE: Celestee DATE: July 20, 2018

APPENDIX D-4

SOIL BORING AND WELL CONSTRUCTION LOGS

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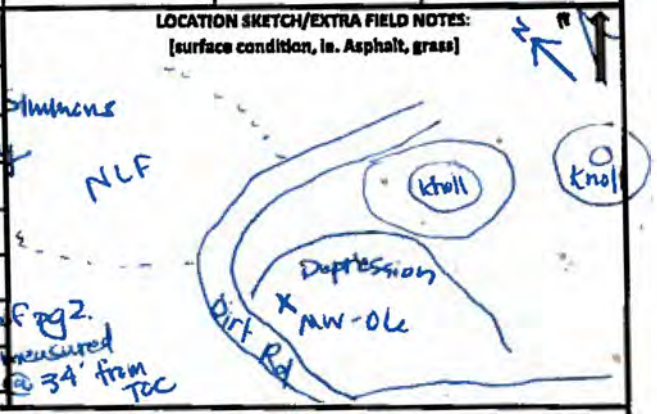
Ahtna Environmental, Inc.

SOIL BORING LOG

PROJECT NUMBER: 05172.002 | BORING NUMBER: SB-06 | SHEET: 1 of 2

Project Name: Port Holden RAS Landfill (LF007) Supplemental RI
Site: NLF-MW-06
Client: USACE
Geologist: K. Holmes, L. Lucassen, N. Simmons
Date: 7.19.18
Weather: Partially cloudy / windy
Drilling Company: Discovery
Rig Type/ Drilling Method: 6712 DT Geoprobe
Boring Size: 8" Auger
Hammer Drop:
Sample Method: Grab
# of Samples: 2
Total Depth: 69' bgs
Depth to GW: ~~45.5' bgs~~ * see notes @ bottom of pg 2. GW was later measured @ 34' from TOC
Northing/ Easting:
Elevation:

LOCATION SKETCH/EXTRA FIELD NOTES: [surface condition, ie. Asphalt, grass]



DEPTH (FEET)	RECOVERY	BLOWS COUNTS	BLOWS RECVD	PID	TIME	USCS Classification	SOIL DESCRIPTION AND NOTES (color, major constituents/minor constituents [particle distribution and particle shape], density, plasticity, cohesiveness, moisture content, fracturing, weathering, depositional environment, stratigraphic unit)
0							0-0.34' Brwn Grey Fine grained sandy silt, moist
							0.34-0.5' Dark brown/black Fine grained sandy silty moist
3		60	41		1100		0.5-0.85' Lght Brwn clay like silt w/mottling (Dark brown & red brwn), moist
							0.85-1.35' Med brown ~~silty~~ sand w/mottling (Dk Brwn & Reddish brown) moist
5							1.35-1.42' Lght Brwn to silty Coarse sand
6							1.42-~~3.42'~~ 5.0' Med Brwn silty sand w/gravel (<10%)
		60	~~48~~		1120		~~3.42-5'~~ 5-6.5' Yellowish brwn course grain silty sand w/gravel (<5%) Dr
9							6.5-10' Greyish brown silty sand w/(gravel (<5%); Dry
10							
12		60	60		1135		10-15' Greyish brown silty sand w/small subangular gravel (<15%) & orangish red & dark brwn flecks, Dry
15							
18		60	60		1150		15-20' Same
20							
21		60	60		1410		20-25' Same
24							
25							25-30' Greyish brown silty sand w/(small subangular gravel (<5%) w/orangish red & dark brwn flecks, Moist
27		60	48		1425		Collected Sample 18 NLF-SB-06-S01 from 25-27' @ 1445
30							

Ahtna Environmental, Inc.	SOIL BORING LOG	PROJECT NUMBER: 05172.002	BORING NUMBER: SB-06 (MW-06)	SHEET: 2 of 2

DEPTH (feet)	RECOVERY	BLOWS PER 6"	BLOWS PER FOOT	PID	TIME	LITHOLOGY	SOIL DESCRIPTION AND NOTES (color, major constituents/minor constituents (particle distribution and particle shape), density, plasticity, cohesiveness, moisture content, fracturing, weathering, depositional environment, stratigraphic unit)
30							30-35' same
33		60	21		15^{11}		
35							
36		60	49		15^{55}		35-40' same
39							
40							40-41.3' Greyish dark (KH) brown silty sand w/small sub-angular gravel (<5%) w/ orangish red & dark brown flecks, wet.
42		60	15		16^{21}		Sample 18-NLF-SB-06-S02 from 40-42' @ 1510 on 7/20/18 KH
45							41.3-45' Greyish brown silty sand w/small sub-angular gravel (<10%) w/orangish red & dark brown flecks, increased oxidation mottling in bottom", moist
48		60	52		16^{50}		45-47.42' same
50							47.42-50' Grey silty sand w/small sub-angular gravel (<5%) & red & dark brown flecks, moist
51		60	57		17^{30}		
54							50-55' Grey silty sand w/small sub-angular gravel (<15%) w/ red & dark brown flecks, moist
55							
57		60	48		18^{05}		55-60' Brown silty sand w/variety of mottling colors (grey, purples, red, dark brown, & black) & small sub-angular gravel (<20%), moist
60							~~Sample 18-NLF-SB-06-02 from 55-57' bgs~~ simple disgarded KH
63		NO RETURN					No return from 60-64' bgs while drilling through bedrock. Borehole finished @ 64' which seems like bedrock
64							
65							
66							
69							* The following day (7/21) @ MW-07 it was realized that 0-5' bgs cornings were not being captured. It's unclear w/this log which profile is a duplicate if only 55' (5-60' bgs) of macrocores were collected. KH

* This borehole ended up collapsing in ~40' after sitting overnight. An adjacent borehole was [illegible] place

Ahtna Environmental, Inc.

SOIL BORING LOG

PROJECT NUMBER: 05172.002 | BORING NUMBER: SB-07 | SHEET: 1 of

Project Name: Port Holden RRS Landfill (LF007) Supplemental RI
Site: North Landfill
Client: USACE
Geologist: K. Holmes / L. Lucasser
Date: 7/21/18
Weather: 30 mph wind, rain, 55F
Drilling Company: Discovery Drilling
Rig Type/ Drilling Method: 6712 DT, HSA
Boring Size: 6.25"
Hammer Drop:
Sample Method: Grab
# of Samples: 2
Total Depth: 32'
Depth to GW: 26'
Northing/ Easting:
Elevation:

LOCATION SKETCH/EXTRA FIELD NOTES: (surface condition, ie. Asphalt, grass) N

DEPTH (FEET)	BLOWS/FT	INCHES DRIVEN	INCHES RECVD	PID	TIME	USCS Classification	SOIL DESCRIPTION AND NOTES (color, major constituents/minor constituents (particle distribution and particle shape), density, plasticity, cohesiveness, moisture content, fracturing, weathering, depositional environment, stratigraphic unit)
0		60	46				light Brown silty sand with minor gravels. wet L.L.
1.5						5-10	~~0-5~~ bgs
3							
4.5							10-11
6							~~5-6~~ same as above
		60	44			11-15	~~6-10~~ Slightly coarser, gray-ish brown, moderate gravels. Silty sand. L.L. flecks of coal + orange
9							
10.5							
12		60	54				~~10-15~~ same as above
							19-20
15							
		60	54				same as above
18							20-25'
19.5							25-26.5
21		60	51				~~20-21.5~~ brown sand L.L.
					26.5-26.9		~~21.5-21.9'~~ brown silty sand
					26.9-30		~~21.9-25'~~ brown sand with accessory
24							Cobbles 28-30 ~~23-25~~ sample 18-NLF-SB-07-S01 1135
25.5							
		60	55		30-35		Groundwater @ ~~26~~ bgs (31)
27							~~25-30~~ 25-30' is same lithology as above, but darker in color.
							30-32

Sample 18-NLF-SB-07-S02 taken from ~~25-27~~ at ~~1035~~ 1135

Ahtna Environmental, Inc.

SOIL BORING LOG

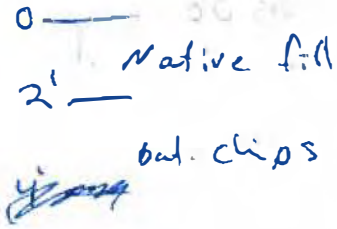
PROJECT NUMBER	BORING NUMBER	SHEET:
05172.002	SB-08	1 of 2

Project Name	Port Heiden RRS Landfill (LF007) Supplemental RI	Site	NLF - MW-08
Client	USACE	Geologist	K. Holmes
Date	7-22-18	Weather	Partially cloudy / windy
Drilling Company	Discovery	Rig Type/ Drilling Method	Geoprobe 6712 DT
Boring Size	6"	Hammer Drop	—
Sample Method	Grab	# of Samples	2
Total Depth		Depth to GW	
Northing/ Easting	—	Elevation	—

LOCATION SKETCH/EXTRA FIELD NOTES: [surface condition, ie. Asphalt, grass] N

SB-08 is MW-08

DEPTH (FEET)	BLOWS/FT	INCHES DRIVEN	INCHES RECVED	PID	TIME	USCS Classification	SOIL DESCRIPTION AND NOTES
0							0-0.3' Blackish dark brown organics, moist
		60	37				0.3-1.2' Dark brown fine grain sandy silt w/ roots, moist
3							1.2-2' Greyish brown coarse sand, moist
							2-5' Reddish brown to light brown silt w/ black banding & accessory sand, moist
5							
6		60	48				kll 5-7.8' 5-5.2 Dark brown sand w/a little weathered plastic intermixed moist
							5.2-8' light brown silt w/ few small sub-angular gravel and reddish orange flecks, ~~wet~~ moist
9							8-10' ~~Grav~~ kll Greyish brown gravelly sand w/accessory cobbles, moist
10							
12		60	46				10-15' Greyish brown gravelly sand w/moderate sub-angular cobbles & reddish orange & black flecks, moist
15							
		60	45				15'-20' Same
18							
20							20-21.2' Same
21							21.2-25' Greyish brown sand w/moderate sub-angular to sub-rounded gravel & reddish orange and black flecks, moist
		60	52				
24							
25							
27		60	50				25-30' Same



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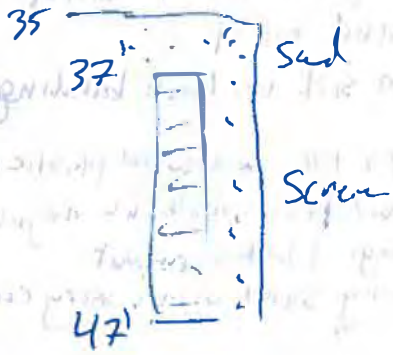

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SOIL BORING LOG

PROJECT NUMBER:	BORING NUMBER:	SHEET:
05172.002	SB-08	2 of 2

DEPTH (FEET)	BLOWS/FT	INCHES DRIVEN	INCHES RECVD	PID	TIME	USCS Classification	SOIL DESCRIPTION AND NOTES (color, major constituents/minor constituents [particle distribution and particle shape], density, plasticity, cohesiveness, moisture content, fracturing, weathering, depositional environment, stratigraphic unit)
30							30-35' Greyish brown Sand w/ Moderate subangular to subrounded gravels, damp.
33		60	49				
35							35-~~40~~ 38.7 Same as above
36		60	52				38.7 - 45 Same as above, but saturated
39							GW @ 38.7.
40							~~45-50 Same as above~~
42		60	60				Sample @ ~~37-39~~ 37.5-39.5' bgs 18NLF-SB08-S-02 @ 1800
45							Sample @ 35.5-37.5 bgs 18NLF-SB08-S-01 @ 1755
48		60	60				45-50 Same as above
50							Set well @ 37'-47' bgs
51							
54							
57							
60							
63							
66							
69							

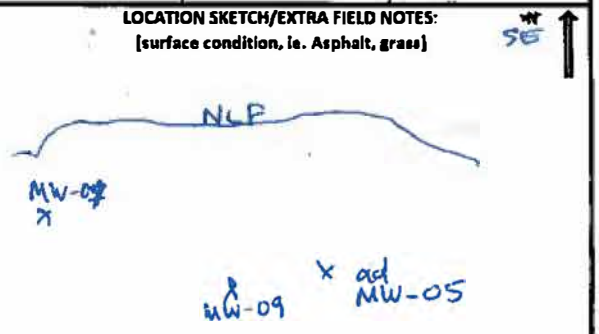
Ahtna Environmental, Inc.

SOIL BORING LOG

PROJECT NUMBER:	BORING NUMBER:	SHEET:
05172.002	SB-09	of

Project Name	Port Holden ARS Landfill (LF007) Supplemental RI	Site	MW-09
Client	USACE	Geologist	
Date	7.22.18	Weather	Mostly cloudy
Drilling Company	Discovery	Rig Type/ Drilling Method	Geoprobe
Boring Size	8"	Hammer Drop	
Sample Method	GraL	# of Samples	2
Total Depth	35'	Depth to GW	25.5' bgs
Northing/ Easting		Elevation	

LOCATION SKETCH/EXTRA FIELD NOTES: [surface condition, ie. Asphalt, grass]



SB-09 is MW-09 @ NLF

DEPTH (FEET)	BLOWS/FT	INCHES DRIVEN	INCHES RECVD	PID	Tmtr	USCS Classification
0						
3		60	23			
5						
6		60	15			
9						
10						
12		60	46			
15						
18		60	53			
20						
21		60	55			
24						
25	GW @ 25.5' bgs					
27		60	45			

SOIL DESCRIPTION AND NOTES

(color, major constituents/minor constituents [particle distribution and particle shape], density, plasticity, cohesiveness, moisture content, fracturing, weathering, depositional environment, stratigraphic unit)

0-0.1' Organics Dark brown w/ veg - damp

0.1-1.15' Dark brown transitioning to ~~light~~ brown sandy silt w/ few small sub-angular gravel; wet

1.15-5.0' ~~Sandy Gravel~~ Brown sand w/ mod. small sub-angular gravel with accessory cobble, moist

5-10' ~~gravel~~ Greyish Brown gravelly sand w/ few sub-angular to rounded cobble, moist

10-15' Greyish brown gravelly sand w/ accessory sub-angular cobbles & reddish orange & black flecks; moist

15-20' same

20-25' same

Sample 18-NLF-SB09-S-02 taken from 23-25' bgs @ 1010

25-30' Greyish brown gravelly sand w/ accessory sub-angular cobbles & redd & black oxidized flecks; saturated

Sample 18-NLF-SB09-S-02 taken from 25-27' bgs @ 1015

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SOIL BORING LOG

PROJECT NUMBER:	BORING NUMBER:	SHEET:
05172.002	SB-09	2 of 2

DEPTH (feet)	BLOWS/FT	INCHES DRIVEN	INCHES RECVD	PID	TIME	USCS Classification	SOIL DESCRIPTION AND NOTES (color, major constituents/minor constituents (particle distribution and particle shape), density, plasticity, cohesiveness, moisture content, fracturing, weathering, depositional environment, stratigraphic unit)
30							30-35' Same
33							
35							
36							
39							
42							
45							
48							
51							
54							
57							
60							
63							
66							
69							

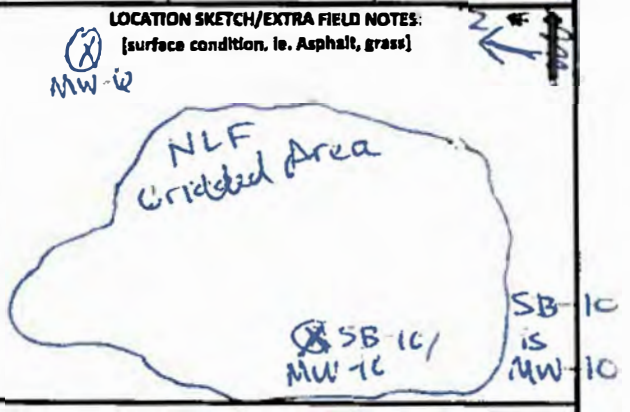
Ahtna Environmental, Inc.

SOIL BORING LOG

PROJECT NUMBER:	BORING NUMBER:	SHEET:
05172.002	SB-10	of

Project Name	Port Heiden RRS Landfill (LF007) Supplemental RI	Site	N2F - MW-10
Client	USACE	Geologist	K. Holmes
Date	7-23-18	Weather	KH Breezing, Rainy
Drilling Company	Discovery	Rig Type/ Drilling Method	Geoprobe 6712DT
Boring Size	8" Auger	Hammer Drop	
Sample Method	Grab	# of Samples	
Total Depth		Depth to GW	
Northing/ Easting		Elevation	

LOCATION SKETCH/EXTRA FIELD NOTES: [surface condition, ie. Asphalt, grass]



DEPTH (FEET)	BLOWS/FT	INCHES DRIVEN	INCHES RECVD	PID	Thiff	USCS Classification	SOIL DESCRIPTION AND NOTES
0							0-5' Brown sandy KH w/moderate gravel backfill from previous test pit, Dump
3		60	21				
5							5-8' Brown sand w/moderate gravel backfill from previous test pit, dump
6		60	31				
9							8-10' Brown gravelly sand w/ accessory cobble, dump
10							
12		60	51				10-15' Greyish brown gravelly sand w/ accessory cobble & ~~Brn~~ reddish orange & black flecks, dump
15							
18		60	56				15-20' Same
20							
21		60	54				20-25' Same
24							
25							
27		60	52				25-30' Same
30							

Ahtna Environmental, Inc.

SOIL BORING LOG

PROJECT NUMBER:	BORING NUMBER:	SHEET:
05172.002	SB-10	of

DEPTH (FEET)	BLOWS/FT	INCHES DRIVEN	INCHES RECOVERED	PID	TIME	USCS Classification	SOIL DESCRIPTION AND NOTES (color, major constituents/minor constituents [particle distribution and particle shape], density, plasticity, cohesiveness, moisture content, fracturing, weathering, depositional environment, stratigraphic unit)
30							30-35' Grayish brown gravelly sand w/ moderate cobbles and reddish, blackish, & tan flecks, damp
33		60	52				
35							
36		60	46				35-40' same
39							
40							
42		60	57				40-45' same
45							45-48.7' same
48		60	53				48.7-50' Dark brown ~~gravelly~~ KH coarse sand w/ moderate small sub-angular gravels and reddish orange & black flecks, saturated
	GW @ 48.7						
50							
51		60	55				50-55' ~~Dal~~ KH same
54							
55							Sample 18-NLF-SB-10-S01 collected from 46-48' bgs @ 1555
57							Sample 18-NLF-SB-10-S02 collected From 48-50' bgs @ 1600
60							
63							
66							
69							

Ahtna Environmental, Inc.

WELL CONSTRUCTION LOG

PROJECT NUMBER:	WELL NUMBER:	SHEET:
05172.002	MW-06	1 of 1

PROJECT NAME: Port Heiden RRS Landfill (LF007) Supplemental RI
CLIENT: USACE
DATE: 7/20/18
DRILLING COMPANY: Discovery
BORING SIZE: 8"
TOTAL DEPTH: 45'
NORTHING:
EASTING:

SITE: North Landfill
SCIENTIST: ~55° F, partly cloudy, wind 15 L.L.
WEATHER: K. Holmes & L. Lucassen
RIG TYPE: 6712 DT
DRILLING METHOD: HSA
WELL TYPE: PVC stick up monitoring well
DEPTH TO GW: 38.40' bgs
ELEVATION:

LOCATION SKETCH/EXTRA FIELD NOTES: [surface condition, ie. Asphalt, grass]

N

DEPTH (FEET)	FIELD ILLUSTRATION	WELL INSTALLATION INFO	SOIL DESCRIPTION	WELL DATA
0				Monument Type: Stick up
5				Surface Seal: bentonite
10		Bentonite chips from 3-33'		Stickup Height:
15				2 -inch Schedule PVC Well Casing
20				Screened Interval: 35-45
25				~~.01~~ " Slotted Screen
30				Other:
~~25~~ L.				
35		sand from 33-45' well screen @ 35-45'		
~~35~~ L.				
~~38.40~~ L.				
45				

0 - Native

1 Sand

3 -

↑ Chips

33 Sand

top 35

Btm well scn - 45

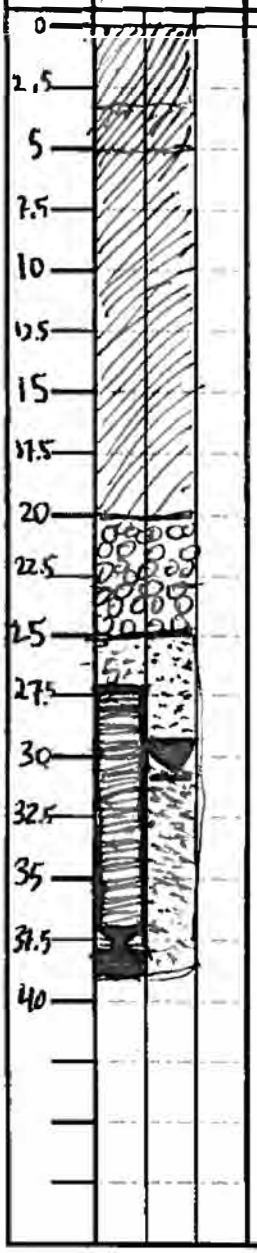
Ahtna Environmental, Inc.

WELL CONSTRUCTION LOG

PROJECT NUMBER:	WELL NUMBER:	SHEET:
05172.002	MW-07	1 of

PROJECT NAME	Port Heiden RRS Landfill (LF007) Supplemental RI	SITE	North Landfill
CLIENT	USACE	SCIENTIST	Lexie Lucassen
DATE	7/21/18	WEATHER	55°F, 5 mph wind, overcast
DRILLING COMPANY	Discovery	RIG TYPE	6712 DT
BORING SIZE	8"	DRILLING METHOD	HSA
TOTAL DEPTH	38'	WELL TYPE	monitoring well
NORTHING		DEPTH TO GW	30.5' bgs
EASTING		ELEVATION	

LOCATION SKETCH/EXTRA FIELD NOTES: [surface condition, ie. Asphalt, grass] N



WELL INSTALLATION INFO

0-20' bgs native fill

bentonite 20-25'

sand 25 - ~~38'~~ 37' L.L.

Groundwater @ 30.5' bgs.

SOIL DESCRIPTION

0-5 no return, did not recieve sleeve

5-11 silty sand with minor gravels. Light brown. wet.

11-25 silty sand with moderate gravels. Slightly more coarse than above. grayish brown. Flecks of orange + coal.

25-26.5 Light brown sand & 26.5-26.9 - brown silty sand.

26.9-30 brown sand w/ cobbles.

30-35' as above, but dark gray.

35-38 no return

WELL DATA

Monument Type: ~~Stickup~~

Surface Seal: bentonite

Stickup Height:

2 -inch Schedule PVC Well Casing 27-

Screened Interval: ~~28 30~~ 37' LL

~~0.~~ " Slotted Screen

Other:

11 bags of sand

2 bags of bentonite

Ahtna Environmental, Inc.

WELL CONSTRUCTION LOG

PROJECT NUMBER:	WELL NUMBER:	SHEET:
05172.002	MW-08	1 of 1

PROJECT NAME	Port Heiden RRS Landfill (LF007) Supplemental RI	SITE	NLF - MW-08
CLIENT	USACE	SCIENTIST	K. Holmes
DATE	7-22-18	WEATHER	Cloudy / Windy
DRILLING COMPANY	Discovery	RIG TYPE	Geoprobe 6712 DT
BORING SIZE	8" Auger	DRILLING METHOD	HSA
TOTAL DEPTH	50'	WELL TYPE	PVC Stickup Monitoring Well
NORTHING		DEPTH TO GW	38.7
EASTING		ELEVATION	

LOCATION SKETCH/EXTRA FIELD NOTES: [surface condition, ie. Asphalt, grass] N

Hummocky tundra
Coastal plains

SB-08 is MW-08

DEPTH (FEET)	FIELD ILLUSTRATION	WELL INSTALLATION INFO	SOIL DESCRIPTION	WELL DATA
0		Native Soil from 0-2' bgs Bentonite chips from 2-4' bgs		Monument Type: Steel - ID
5		Native Soil from 4-31'		Surface Seal: Bentonite chips
10				Stickup Height:
15				2 -inch Schedule PVC Well Casing
20				Screened Interval: 37-47'
25				___ " Slotted Screen
30		Bentonite chips from 31-35'		Other:
35		Sand from 35-50' well screen @ 37-47' bgs GW @ 38.7' bgs		
45				
50				

Ahtna Environmental, Inc.

WELL CONSTRUCTION LOG

PROJECT NUMBER:	WELL NUMBER:	SHEET:
05172.002	MW-09	of

PROJECT NAME	Port Heiden RR5 Landfill (LF007) Supplemental RI	SITE	NLF
CLIENT	USACE	SCIENTIST	K. Holmes
DATE	7-22-18	WEATHER	Mostly cloudy
DRILLING COMPANY	Discovery	RIG TYPE	Geoprobe 6712 DT
BORING SIZE	8" Hollowstem Auger 2" Macrocore	DRILLING METHOD	~~Geoprobe~~ HSA hollow stem auger
TOTAL DEPTH	35'	WELL TYPE	2" PVC
NORTHING		DEPTH TO GW	25.5' bgs
EASTING		ELEVATION	

LOCATION SKETCH/EXTRA FIELD NOTES: [surface condition, ie. Asphalt, grass] N

DEPTH (FEET)	FIELD ILLUSTRATION	WELL INSTALLATION INFO	SOIL DESCRIPTION	WELL DATA
0		Native Fill	0.1' organics top layer	Monument Type: steel stickup
-.5 5		Bentonite top seal (2')	0.1-1.1 Dark brown transitioning to light brown Sandy silt	Surface Seal: Bentonite chips
5		Native Fill	1-30' Mostly homogeneous Greyish brown gravelly sand w/ accessory cobbles and reddish orange & dark brown flecks moist.	Stickup Height:
.5				2 -inch Schedule PVC Well Casing
0 2'				Screened Interval: 23-33' bgs
2.5				.010 " Slotted Screen (Point 010)
5				Other:
7.5		4' of bentonite chips 17-21' bgs		
10				
2.5		Sand - 21-35'		6 bags of sand
.5		Screen set 23-33' bgs		2 bags of chips
7.5				
30		GW @ ~34' bgs		
2.5				
35				

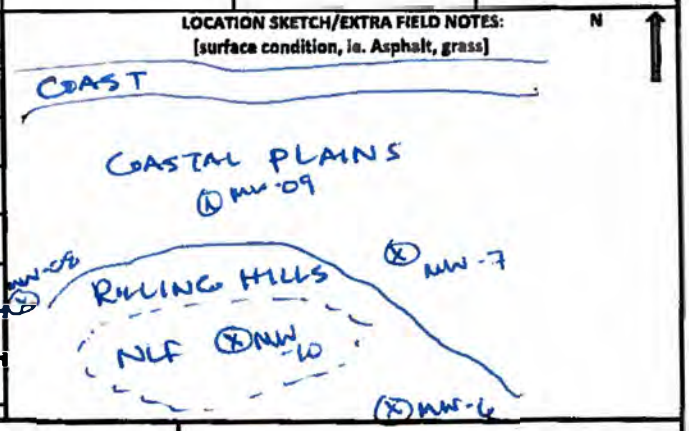
Ahtna Environmental, Inc.

WELL CONSTRUCTION LOG

PROJECT NUMBER:	WELL NUMBER:	SHEET:
05172.002	MW-10	1 of 1

PROJECT NAME	Port Heiden RRS Landfill (LF007) Sup. Site Inv. RI	SITE	NLF - MW-10
CLIENT	USACE	SCIENTIST	K. Holmes
DATE	7-23-18	WEATHER	Rainy
DRILLING COMPANY	Discovery	RIG TYPE	Geoprobe 6712 DT
BORING SIZE	8" Auger	DRILLING METHOD	Hollow Stem Auger
TOTAL DEPTH		WELL TYPE	Monitoring
NORTHING		DEPTH TO GW	
EASTING		ELEVATION	

LOCATION SKETCH/EXTRA FIELD NOTES: [surface condition, ie. Asphalt, grass]



DEPTH (FEET)	FIELD ILLUSTRATION	WELL INSTALLATION INFO	SOIL DESCRIPTION	WELL DATA
0		Bentonite chips 2-4' Clean backfill 4-41' * No GW observed on 7/28 when well development efforts started Clean water added for development but large surface cavity to ~25' observed after ground was wetted Bentonite chips 41-43' Sand from 43-55' Well screen 45-55' GW @ 48.7' No water observed on 7/28	0-8' KH Brown sand w/moderate gravel * Backfill from Test Pit NLF-TP-10 8-55' KH Brown sand w/moderate gravel transitioning to greyish brown sand w/accessory cobble & reddish orange & black flecks, damp GW observed @ 48.7', saturated Well would'n't hold water Further development efforts were stopped. Well construction development on 7/30 included adding ~25' 5g bags of sand to fill cavity & reposition well monument	Monument Type: Stickup Surface Seal: ~~bentonite~~ Sand KH Stickup Height: ____ 2 -inch Schedule PVC Well Casing Screened Interval: 45-55' ____ " Slotted Screen Other: 2 bags of chips 8 bags of sand
3				
6				
9				
12				
15				
18				
21				
24				
27				
30				
33				
36				
39				
42				
45				
48				
51				
54				
57				

Added water for development but well wouldn't retain

APPENDIX D-5

WELL DEVELOPMENT AND GROUNDWATER SAMPLING FORMS

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Ahtna Environmental, Inc.

WELL DEVELOPMENT LOG

PROJECT NUMBER: 05173.002

WELL NUMBER: MW-06

SHEET: 1 of

PROJECT NAME	Port Heiden RRS Landfill (LF007) Supplemental RI	PUMP TYPE	Hurricane
CLIENT	USACE	DEPTH TO WATER (FROM TOC)	34.02
DATE	7/26/18 - 7/27	DEPTH TO BASE (FROM TOC)	47.38
SITE	Port Heiden NLF	HEIGHT OF WATER BOLUMN	13.36
GEOLOGIST	K. Holmes	WELL VOLUME	2.27
WEATHER/ TEMPERATURE	55°F, rain, overcast	TOTAL WATER TO PURGE	6.81
WIND	10-15 mph	DECON PROCEDURE	Alconox + DI

NOMINAL DIAMETER	O.D.	I.D.	VOLUME (GAL/LIN FT)
(2")	2.375"	2.067"	0.17
3"	3.5"	3.068"	0.38
4"	4.5"	4.026"	0.66
6"	6.625"	6.065"	1.50
8"	8.625"	7.981"	2.60

FIELD WATER QUALITY PARAMETERS

	Time	Purged Volume (gal)	Water Level	Turbidity (NTU)	Odor	Appearance	Other Notes
7/26	1625	6	40.75	309.1	None	Turbid	Turbidity meter reading seems low
7/27	1120	18	36.95	1100+	None	Turbid	less turbid ~~(of first)~~
	1400	21.5	37.75	1100+	None	Turbid	slightly less turbid in appearance

Additional Notes:

On 7/26 well recharging @ ~ 0.5' per 10 min

On 7/27 well recharging @ ~ 0.5' per 5 min (@ Pumped dry 1145 & 1415)

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WELL DEVELOPMENT LOG

PROJECT NUMBER: 05132.002

WELL NUMBER: MW-07

SHEET: 1 of

PROJECT NAME	Port Heiden RRS Landfill (LF007) Supplemental RI	PUMP TYPE	Hurricane
CLIENT	USACE	DEPTH TO WATER (FROM TOC)	33.10'
DATE	7/23/18	DEPTH TO BASE (FROM TOC)	39.63'
SITE	Port Heiden NLF	HEIGHT OF WATER COLUMN	6.53
GEOLOGIST	Lexie Lucassen	WELL VOLUME	1.11
WEATHER/ TEMPERATURE	55°F, light rain, overcast	TOTAL WATER TO PURGE	3.33
WIND	5mph	DECON PROCEDURE	Alconox + DI

NOMINAL DIAMETER	O.D.	I.D.	VOLUME (GAL/LIN FT)
2"	2.375"	2.067"	0.17
3"	3.5"	3.068"	0.38
4"	4.5"	4.026"	0.66
6"	6.625"	6.065"	1.50
8"	8.625"	7.981"	2.60

FIELD WATER QUALITY PARAMETERS

Time	Purged Volume (gal)	Water Level	Turbidity (NTU)	Odor	Appearance	Other Notes
9:40	2 gal	33.1	999	None	Brown	
9:45	4 gal	33.0	653.9	"	lt brown	
9:50	6 gal	33.0	502.1	"	very lt brown	almost clear

Additional Notes:

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WELL DEVELOPMENT LOG

PROJECT NUMBER: 05172.002

WELL NUMBER: MW-08

SHEET: of

PROJECT NAME	Port Helden RRS Landfill (LF007) Supplemental RI
CLIENT	USACE
DATE	7.25.2018
SITE	NLF
GEOLOGIST	K. Holmes
WEATHER/ TEMPERATURE	Rainy
WIND	Light ~5 mph
PUMP TYPE	
DEPTH TO WATER (FROM TOC)	42.5'
DEPTH TO BASE (FROM TOC)	49.4'
HEIGHT OF WATER COLUMN	6.9'
WELL VOLUME	
TOTAL WATER TO PURGE	
DECON PROCEDURE	

NOMINAL DIAMETER	O.D.	I.D.	VOLUME (GAL/LIN FT)
2"	2.375"	2.067"	0.17
3"	3.5"	3.068"	0.38
4"	4.5"	4.026"	0.66
6"	6.625"	6.065"	1.50
8"	8.625"	7.981"	2.60

FIELD WATER QUALITY PARAMETERS

Time	Purged Volume (gal)	Water Level	Turbidity (NTU)	Odor	Appearance	Other Notes
330	4	44.42	—	none	light brown	
336	6		—	none	light brown	
345	8	44.4	—	none	" "	

Additional Notes: Turbidimeter not working. Purged well until water was light brown (originally was a dark chocolate color) Minimal draw down.

Ahtna Environmental, Inc.

WELL DEVELOPMENT LOG

PROJECT NUMBER:	WELL NUMBER:	SHEET:
95122.002	MW-09	of

PROJECT NAME	Port Helden RRS Landfill (LF007) Supplemental RI	PUMP TYPE	Hurricane
CLIENT	USACE	DEPTH TO WATER (FROM TOC)	28.2
DATE	7.27.18	DEPTH TO BASE (FROM TOC)	36.05
SITE	NLF - SB-09	HEIGHT OF WATER COLUMN	
GEOLOGIST	K Holmes & N. Simmons	WELL VOLUME	
WEATHER/ TEMPERATURE	Rainy & Windy	TOTAL WATER TO PURGE	
WIND	↙	DECON PROCEDURE	

NOMINAL DIAMETER	O.D.	I.D.	VOLUME (GAL/LIN FT)
2"	2.375"	2.067"	0.17
3"	3.5"	3.068"	0.38
4"	4.5"	4.026"	0.66
5"	5.625"	5.065"	1.50
8"	8.625"	7.981"	2.60

FIELD WATER QUALITY PARAMETERS

Time	Purged Volume (gal)	Water Level	Turbidity (NTU)	Odor	Appearance	Other Notes
1800	10	31.0	1600+	None	Turbid	
1806	12	28.9	"	"	"	
1810	17	30.1	956.4	"	Milky	
1820	19	29.1	670.3	"	"	
1824	21	30.3	352.1	"	Light Smokey greyish brown	
1829	24	30.27	207.8	"	"	

Additional Notes:

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GROUNDWATER SAMPLING FORM

PROJECT NUMBER: 05172.002

WELL NUMBER: MW-06

SHEET: of

PROJECT NAME	Port Heiden RRS Landfill (LF007) Supplemental RI	WELL CONDITION	good	NOMINAL DIAMETER	O.D.	I.D.	VOLUME (GAL/LIN FT)
CLIENT	USACE	DAMAGE PRESENT	none	1"	1.315"	1.049"	0.04
DATE	7.28.18	DEPTH TO BASE (FROM TOC)	47.17	1.5"	1.9"	1.610"	0.11
SITE	NLP - MW-06	DEPTH TO WATER (FROM TOC)	34.30	2"	2.375"	2.067"	0.17
GEOLOGIST		HEIGHT OF WATER COLUMN	12.87	3"	3.5"	3.068"	0.38
WEATHER/ TEMPERATURE		WELL VOLUME	~~2.19~~ 2.188	4"	4.5"	4.026"	0.66
WIND		3 WELL VOLUMES	6.564 (Gal)				

SAMPLING DATA

SAMPLE TYPE (GW, PRODUCT, OTHER): GW

SAMPLE COLLECTED WITH: __ Bailer; X Pump, Type: Bladder; __ Other, Specify:

MADE OF: __ Stainless Steel; ___ PVC; __ Teflon; ___ Disposable LDPE; __ Other, Specify:

SAMPLING DECON PROCEDURE: Alconox + DI

SAMPLE DESCRIPTION: (color, free product thickness, odor, turbidity)

FIELD WATER QUALITY PARAMETERS

						Stabilization Requirements (3 must be stable)						
						3%	10%	0.1	10 mV	10%		
Time	Purged Volume (Gal)	Purge Rate (mL/min)	Water Level	Draw Down (ft)	Temperature (°C)	Spec. Cond. (µS/cm)[C]	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Color	Odor
1406					7.33	176	12.81	6.35	227.4	108.4		
1409			35.3		6.82	151	13.43	6.47	222.4	108.1		
1412			35.3		6.08	144	12.87	6.58	214.0	82.44		
1418			35.7		5.90	141	12.69	6.63	206.7			
1421			35.9		5.90	140	12.58	6.64	204.4	52.4		

ANALYTICAL SAMPLE INFORMATION

Sample ID	Time	Analytes	Sampling Notes:
		DRO RRO GRO BTEX PAH VOCs PEST HERB	
		DRO RRO GRO BTEX PAH VOCs PEST HERB	
		DRO RRO GRO BTEX PAH VOCs PEST HERB	

1403 –
1410

500 ml in 4 cycles

8'
36.87 – 20%
35.87

1435

Ahtna Environmental, Inc.

GROUNDWATER SAMPLING FORM

PROJECT NUMBER:

WELL NUMBER: MW-07

SHEET: of

PROJECT NAME	Port Heiden Landfill (LF007)	WELL CONDITION	New	NOMINAL DIAMETER	O.D.	I.D.	VOLUME (GAL/LIN FT)
CLIENT	USACE	DAMAGE PRESENT	None	1"	1.315"	1.049"	0.04
DATE	7/24/18	DEPTH TO BASE (FROM TOC)	38'	1.5"	1.9"	1.610"	0.11
SITE	[redacted]	DEPTH TO WATER (FROM TOC)	30.51'	2"	2.375"	2.067"	0.17
GEOLOGIST	Jake Hoffman	HEIGHT OF WATER COLUMN	~~1.275~~ 7.5'	3"	3.5"	3.068"	0.38
WEATHER/ TEMPERATURE	55° overcast	WELL VOLUME	1.275 gal	4"	4.5"	4.026"	0.66
WIND	15 MPH	3 WELL VOLUMES	3.83 gal = 14.49 Liters				

SAMPLING DATA

SAMPLE TYPE (GW, PRODUCT, OTHER): GW

SAMPLE COLLECTED WITH: __ Bailer; X Pump, Type: Bladder; __ Other, Specify:

MADE OF: __ Stainless Steel; ____ PVC; __ Teflon; ____ Disposable LDPE; __ Other, Specify:

SAMPLING DECON PROCEDURE: Alconox & DI

SAMPLE DESCRIPTION: (color, free product thickness, odor, turbidity)

FIELD WATER QUALITY PARAMETERS

						Stabilization Requirements (3 must be stable)						
						3%	10%	0.1	10 mV	10%		
Time	Purged Volume (Gal~L)	Purge Rate (mL/min)	Water Level	Draw Down (ft)	Temperature (°C)	Spec. Cond. (µS/cm)[c]	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Color	Odor
1430	1,600	700	30.50	0.30	6.51	124	14.76	6.57	181.2	9999	Brown	None
1435	1,200	"	30.81	0.01	7.94	113	12.38	6.67	199.1	9999	Lt brown	"
1440	1,800	"	30.2	0	7.21	107	11.77	6.68	221.1	9999	Lt brown	"
1445	2,400	"	29.71	0	6.98	106	11.42	6.70	235.8	790	clear	"
1450	3,000	"	"	0	6.76	104	11.35	6.71	234.8	601	clear	"
1455	3,600	"	"	0	6.63	105	11.24	6.70	241.1	337	Clear	"
1500	4200	"	"	0	6.62	105	11.27	6.71	243.3	101	clear	"

ANALYTICAL SAMPLE INFORMATION

Sample ID	Time	Analytes	Sampling Notes:
	1510	DRO RRO GRO BTEX PAH VOCs PEST HERB	
		DRO RRO GRO BTEX PAH VOCs PEST HERB	
		DRO RRO GRO BTEX PAH VOCs PEST HERB	

Ahtna Environmental, Inc.	GROUNDWATER SAMPLING FORM	PROJECT NUMBER: 05172.002	WELL NUMBER: MW-08	SHEET: of

PROJECT NAME	Port Helden RRS Landfill (LF007) Supplemental RI	WELL CONDITION	good	NOMINAL DIAMETER	O.D.	I.D.	VOLUME (GAL/LIN FT)
CLIENT	USACE	DAMAGE PRESENT	none	1"	1.315"	1.049"	0.04
DATE	7/25/18	DEPTH TO BASE (FROM TOC)	49.40	1.5"	1.9"	1.610"	0.11
SITE	NLF - MW-08	DEPTH TO WATER (FROM TOC)	42.58	2"	2.375"	2.067"	0.17
GEOLOGIST		HEIGHT OF WATER COLUMN	6.82	3"	3.5"	3.068"	0.38
WEATHER/ TEMPERATURE	55 F, overcast	WELL VOLUME	1.16	4"	4.5"	4.026"	0.66
WIND	SE 10 mph	3 WELL VOLUMES	3.48 (Gal) 13.19 (L)				

SAMPLING DATA

SAMPLE TYPE (GW, PRODUCT, OTHER): GW

SAMPLE COLLECTED WITH: __ Bailer X Pump, Type: Bladder ___ Other, Specify:

MADE OF: __ Stainless Steel ___ PVC

__ Teflon ___ Disposable LDPE ___ Other, Specify:

SAMPLING DECON PROCEDURE: Alconox + DI

SAMPLE DESCRIPTION: (color, free product thickness, odor, turbidity)

FIELD WATER QUALITY PARAMETERS

						Stabilization Requirements (3 must be stable)						
						3%	10%	0.1	10 mV	10%		
Time	Purged Volume (Gal)	Purge Rate (mL/min)	Water Level	Draw Down (ft)	Temperature (°C)	Spec. Cond. (µS/cm)[c]	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Color	Odor
1620	600	200	42.94	0.26	8.55	123	14.76	6.56	184	9999	Brwn	None
1623	1200	200	42.95	0.11	7.96	115	12.40	6.65	196.8	9999		
1626	1800	200	43.03	0.08	7.27	109	11.72	6.68	216.2	9999		
1629	2400	200	43.03	0	6.99	107	11.43	6.70	227.8	9999		
1632	3000	200	43.03	0	6.77	106	11.38	6.70	234.8	9999		
1635	3600	200			6.62	105	11.27	6.71	241.2	9999		
1638	4200	200	43.06	0.03	6.63	104	11.22	6.72	246.6	9999		

ANALYTICAL SAMPLE INFORMATION

Sample ID	Time	Analytes	Sampling Notes:
		DRO RRO GRO BTEX PAH VOCs PEST HERB	
		DRO RRO GRO BTEX PAH VOCs PEST HERB	
		DRO RRO GRO BTEX PAH VOCs PEST HERB	

Ahtna Environmental, Inc.

GROUNDWATER SAMPLING FORM

PROJECT NUMBER: 05172.002

WELL NUMBER: MW-09

SHEET: 1 of 1

PROJECT NAME	Port Heiden RRS Landfill (LF007) Supplemental RI	WELL CONDITION	Good
CLIENT	USACE	DAMAGE PRESENT	None
DATE	7.28.2018	DEPTH TO BASE (FROM TOC)	36.97
SITE	NLF-MW09	DEPTH TO WATER (FROM TOC)	28.22
GEOLOGIST	K. Holmes & N. Simmons	HEIGHT OF WATER COLUMN	8.75
WEATHER/ TEMPERATURE	~55° & Partially overcast	WELL VOLUME	1.488
WIND	~18 mph	3 WELL VOLUMES	4.46 (Cal)

NOMINAL DIAMETER	O.D.	I.D.	VOLUME (GAL/LIN FT)
1"	1.315"	1.049"	0.04
1.5"	1.9"	1.610"	0.11
2"	2.375"	2.067"	0.17
3"	3.5"	3.068"	0.38
4"	4.5"	4.026"	0.66

SAMPLING DATA

SAMPLE TYPE (GW, PRODUCT, OTHER):

SAMPLE COLLECTED WITH: __ Bailer X Pump, Type: Bladder __ Other, Specify:

MADE OF: __ Stainless Steel ___ PVC

__ Teflon ___ Disposable LDPE __ Other, Specify:

SAMPLING DECON PROCEDURE: Alconox & DI

SAMPLE DESCRIPTION: (color, free product thickness, odor, turbidity) Groundwater

FIELD WATER QUALITY PARAMETERS

						Stabilization Requirements (3 must be stable)						
						3%	10%	0.1	10 mV	10%		
Time	Purged Volume (Gal)	Purge Rate (mL/min)	Water Level	Draw Down (ft)	Temperature (°C)	Spec. Cond. (µS/cm)[c]	D.O. (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Color	Odor
1852	2.5		28.3	N/A	4.95	93	13.14	6.75	142.3	~~20.3~~ 32	Light Brown	Niche
1856	N/A		28.3	N/A	4.95	93	12.47	6.79	139.1		"	"
1859	N/A		28.3	N/A	4.99	92	12.41	6.80	137.8	706.6	"	"

ANALYTICAL SAMPLE INFORMATION

Sample ID	Time	Analytes
		DRO RRO GRO BTEX PAH VOCs PEST HERB
		DRO RRO GRO BTEX PAH VOCs PEST HERB
		DRO RRO GRO BTEX PAH VOCs PEST HERB

Sampling Notes:

300 mL per 4 cycles

APPENDIX D-6

TEST PIT LOGS

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Ahtna Environmental, Inc.	TEST PIT LOG	PROJECT NUMBER: 05172.002	TEST PIT NUMBER: TP-08	SHEET: 1 of 1

PROJECT NAME	Port Holden RRS Landfill (LF007) Supplemental RI	METHODOLOGY / EQUIPMENT	CAT 320 EXCAVATOR	ADDITIONAL NOTES: 4.2' WIDE x 12' long
SITE	PTH NLF	# OF SAMPLES	2	
DATE	7/21/18	SAMPLE TYPE	GRAB	
CLIENT	USACE	NORTHING		
GEOLOGIST	LH	EASTING		
TOTAL DEPTH		ELEVATION		

DEPTH (FEET)	WATER OBSERVED (FEET BGS)	CAVING OBSERVED (FEET BGS)	PID	TIME	GROUP SYMBOL	SOIL DESCRIPTION AND NOTES (color, major constituents/minor constituents [particle distribution and particle shape], density, plasticity, cohesiveness, moisture content, fracturing, weathering, depositional environment, stratigraphic unit)
0						0 - 1.5' BGS POTENTIALLY PCB CONTAMINATED SOIL
1						1 DRUM PARTIALLY EXPOSED @ GS
						1" STEEL PIPE AND CABLE SEGMENT OBSERVED BETWEEN 1 - 1.5' BGS.
2						1.5' BTM OF CAP LAYER WITHOUT DEBRIS
						(1) SAMPLE COLLECTED @ 1.5' DIRECTLY BELOW STEEL PIPE
3						NO ADDITIONAL DEBRIS OBSERVED IN TP-08
4						
5	2+22 E	20 N				
6						
7						
8						TOTAL DEPTH OF TP-08 IN NATIVE SOIL
9						(1) SAMPLE COLLECTED @ BASE OF EXCAVATION IN NATIVE SOIL. SAMPLE COLLECTED @ 8' BGS

Ahtna Environmental, Inc.

TEST PIT LOG

PROJECT NUMBER:	TEST PIT NUMBER:	SHEET:
05172.002	TP-09	1 of 1

PROJECT NAME	Port Holden RRS Landfill (LF007) Supplemental RI	METHODOLOGY / EQUIPMENT	CAT 320 EXCAVATOR
SITE	PTH NLF	# OF SAMPLES	2
DATE	7/21/12	SAMPLE TYPE	GRAB
CLIENT	USACE	NORTHING	
GEOLOGIST	LH	EASTING	
TOTAL DEPTH		ELEVATION	

ADDITIONAL NOTES:

DEPTH (FEET)	WATER OBSERVED (FEET BGS)	CAVING OBSERVED (FEET BGS)	PID	TIME	GROUP SYMBOL	SOIL DESCRIPTION AND NOTES (color, major constituents/minor constituents (particle distribution and particle shape), density, plasticity, cohesiveness, moisture content, fracturing, weathering, depositional environment, stratigraphic unit)
0				1130		10 DRUMS REMOVED FROM GROUND SURFACE THRU 2.5' BGS
1						SOIL FROM 0 – 1.5' BGS IS REMOVED AS POTENTIALLY PCB CONTAMINATED
2	WATER	CAVING				3 OF 10 DRUMS ARE INTACT, BUT HAVE HOLES AND ARE EMPTY
						NO DRUMS PAST 2.5' BGS
3						SEVERAL ALUMINUM BEER CANS AND MISC. DEBRIS / TRASH OBSERVED BETWEEN 2.5 – 4' BGS
4						
5						NO TRASH OR DEBRIS OBSERVED BETWEEN 4.5 AND 7' BGS
6						
7						TOTAL DEPTH OF TP-09 7' BGS IN NATIVE SOIL
8						
9						

Ahtna Environmental, Inc.

TEST PIT LOG

PROJECT NUMBER:	TEST PIT NUMBER:	SHEET:
05172.002	TP10	of

PROJECT NAME: Port Heiden RRS Landfill (LF007) Supplemental RI
SITE: Pit NLF
DATE: 6/20/18
CLIENT: USACE
GEOLOGIST: Jude Hoffman
TOTAL DEPTH:

METHODOLOGY / EQUIPMENT: CAT 330 excavator
OF SAMPLES: 2
SAMPLE TYPE: grab
NORTHING: —
EASTING: —
ELEVATION: —

ADDITIONAL NOTES:
5' wide x 16' long
E-W x N-S
Colocated w/ MW10

DEPTH (FEET)	WATER OBSERVED (FEET bgs)	CAVING OBSERVED (FEET bgs)	PID	TIME	GROUP SYMBOL
0–9	None	None			

SOIL DESCRIPTION AND NOTES

(color, major constituents/minor constituents (particle distribution and particle shape), density, plasticity, cohesiveness, moisture content, fracturing, weathering, depositional environment, stratigraphic unit)

0'– 2' bgs potentially PCB contaminated soil
Empty drums present @ top of excavation down to 2'-4' bgs, all were rusted & no writing was obs.

2' Otm of the cap layer without debris in it. sample @ 2.5' bgs from dirt in contact w/ drum carcasses.

2'-4.5' bgs - a total of 32 drums (empty) that were all rusted through & partially crushed were present. 1 drum was observed w/ partially legible writing. No indication of a hazardous atmosphere was indicated by the 5 gas meter & No staining was observed & No odors or stains were obs. 2 drums contained small quantities of water due to compromised integrity of the drum It was apparent to be water only & had rust, a piece of steel structural member & a reddish oil pan were also obs.

4.5'-8.5' bgs Native soil, cobbles present in gravelly sand that was damp & brown in color. appears to be glacial till material or glaciofluvial.

TD 8'

Total Depth of Boring in Native soil @ 8.5'

Sample @ 8.5' bgs @ base of excavation

Ahtna Environmental, Inc.

TEST PIT LOG

PROJECT NUMBER:	TEST PIT NUMBER:	SHEET:
05172.002	TP-11	1 of 2

PROJECT NAME	Port Heiden BRS Landfill (LF007) Supplemental RI	METHODOLOGY / EQUIPMENT	CAT 320 EXCAVATOR
SITE	PTH NLF	# OF SAMPLES	
DATE	7/22/18	SAMPLE TYPE	GRAB
CLIENT	USACE	NORTHING	
GEOLOGIST	LH	EASTING	
TOTAL DEPTH		ELEVATION	

ADDITIONAL NOTES: 17' N-S x 16' EW

DEPTH (FEET)	WATER OBSERVED (FEET BGS)	CAVING OBSERVED (FEET BGS)	PID	TIME	GROUP SYMBOL	SOIL DESCRIPTION AND NOTES (color, major constituents/minor constituents (particle distribution and particle shape), density, plasticity, cohesiveness, moisture content, fracturing, weathering, depositional environment, stratigraphic unit)
0				0800		0-2' BGS REMOVED POTENTIALLY PCB CONTAMINATED SOIL
1						TWISTED METAL / STEEL BUILDING MATERIALS AND VEHICHLE PARTS OBSERVED STARTING @ GROUND SURFACE
2				1100		SAMPLE COLLECTED @ 2' BGS
		NONE				DRUMS ARE PRESENT STARTING @ 2' BGS.
3						METAL AND BUILDING MATERIALS ARE LONGER THAN TEST PIT IS ORIGINALLY PLANNED IN WIDTH CAUSING TP-11 TO BE WIDENED BY 6' TO A TOTAL
4	NONE					WIDTH OF 16'
5						METAL DEBRIS AND DRUMS ARE PRESENT
6						
7						GRADER BLADE IS REMOVED @ 7.5' BGS
8						
9						APPROXIMATELY 15 DRUMS ARE IDENTIFIED BTW 2-9' BGS

Ahtna Environmental, Inc.	TEST PIT LOG	PROJECT NUMBER: 05172.002	TEST PIT NUMBER: TP-11	SHEET: 2 of 2

10
11
12 — TP-11 IS TERMINATED @ 12' BGS. SAMPLE COLLECTED @ BASE OF EXCAVATION (12'BGS) IN NATIVE SOIL
13
14
15
16
17
18
19
20
21
22

Ahtna Environmental, Inc.

TEST PIT LOG

PROJECT NUMBER:	TEST PIT NUMBER:	SHEET:
05172.002	TP-12	1 of 1

PROJECT NAME: Port Harden RRS Landfill (FT007) Supplemental R
SITE: PTH NLF
DATE: 7/25/18
CLIENT: USACE
GEOLOGIST: LH
TOTAL DEPTH:

METHODOLOGY / EQUIPMENT: CAT 320 EXCAVATOR
OF SAMPLES: 4
SAMPLE TYPE: GRAB
NORTHING:
EASTING:
ELEVATION:

ADDITIONAL NOTES:
15'N-S x 10' E-W

4th SAMPLE COLLECTED @ 5'BGS ON 7/26

DEPTH (FEET)	WATER OBSERVED (FEET BGS)	CAVING OBSERVED (FEET BGS)	PID	TIME	GROUP SYMBOL	SOIL DESCRIPTION AND NOTES (color, major constituents/minor constituents (particle distribution and particle shape), density, plasticity, cohesiveness, moisture content, fracturing, weathering, depositional environment, stratigraphic unit)
0						0-2' BGS POTENTIALLY PCB CONTAMINATED SOIL REMOVED AND PLACED IN SUPERSACK
1						
2						3 EMPTY DRUMS ARE REMOVED BETWEEN 2-2.5' BGS
						PRESAMPLE AND QC SAMPLE TAKEN @ 2' BGS
3						@ 3' BGS LARGE CHUNKS OF DRIED TAR ARE OBSERVED
4						
5						WHITE POWDERY SUBSTANCE OBSERVED IN SOIL SAMPLE COLLECTED @ 5' BGS (CONTAINS WHITE POWDERY SUBSTANCE WITHIN SOIL) ON 7/26 WHICH WIDENED TEST PIT TO A TOTAL WIDTH OF 10'
6						
7						
8						TOTAL DEPTH OF TP-12 @ 8' BGS
						SAMPLE COLLECTED @ 8' BGS
9						

Ahtna Environmental, Inc.

TEST PIT LOG

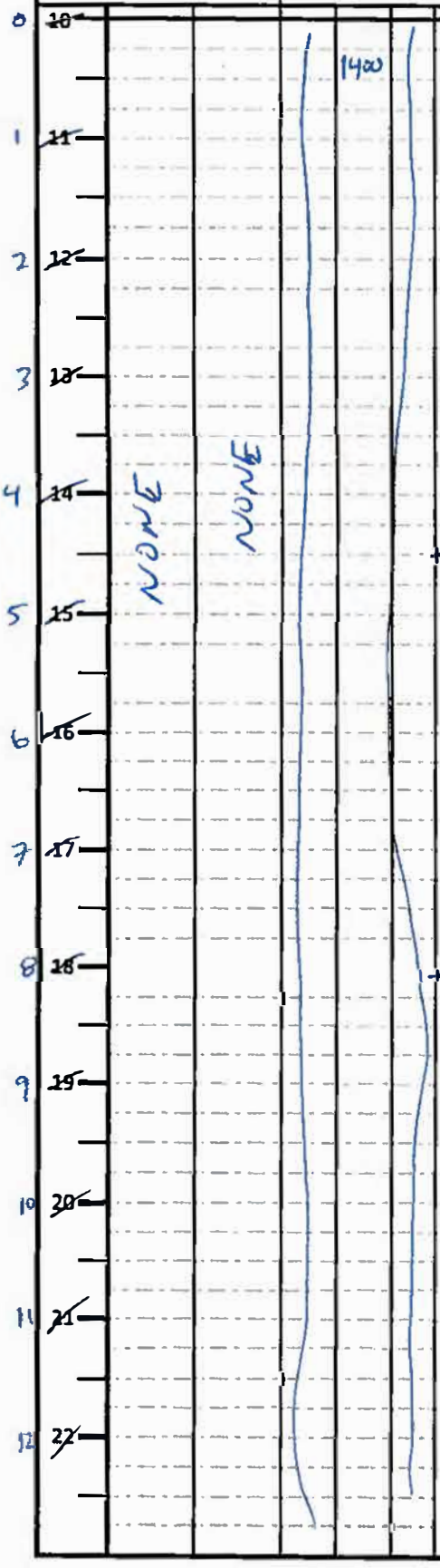
PROJECT NUMBER:	TEST PIT NUMBER:	SHEET:
05172.002	TP-13A	1 of 2

PROJECT NAME	Port Hakden RRS Landfill (LF007) Supplemental RI	METHODOLOGY / EQUIPMENT	CAT 320 EXCAVATOR
SITE	PTH NLF	# OF SAMPLES	
DATE	7/22/18	SAMPLE TYPE	
CLIENT	USACE	NORTHING	
GEOLOGIST	LH	EASTING	
TOTAL DEPTH		ELEVATION	

ADDITIONAL NOTES: 14'N-S x 3.5'E-W

DEPTH (FEET)	WATER OBSERVED (FEET BGS)	CAVING OBSERVED (FEET BGS)	PID	TIME	GROUP SYMBOL	SOIL DESCRIPTION AND NOTES (color, major constituents/minor constituents (particle distribution and particle shape), density, plasticity, cohesiveness, moisture content, fracturing, weathering, depositional environment, stratigraphic unit)
0	NONE	NONE		1345		1 DRUM REMOVED FROM GROUND SURFACE
1						0-2' BGS SOIL REMOVED AS POTENTIALLY PCB CONTAMINATED. NO ADDITIONAL MATERIAL/DEBRIS/TRASH IS OBSERVED ~~AFT~~ FOR SEVERAL FEET AFTER 2' CAP IS REMOVED.
2						TP-13 IS ABANDONED AND MOVED NORTH ~ 20'. NEW TP-13 IS REPOSITIONED NW-SE AND NAMED TP-13B
3						
4						
5						~~AT~~ TERMINATED
6						TP 13B INFO ON SHEET 2 of 2
7						
8						
9						

Ahtna Environmental, Inc.	TEST PIT LOG	PROJECT NUMBER: 05122.002	TEST PIT NUMBER: TP-13B	SHEET: 2 of 2



TP-13B HAS LARGE AMOUNT OF SCRAP METAL DEBRIS ON SURFACE.

0-2 BGS SOIL IS REMARKED AS PCB CONTAMINATED

METAL DEBRIS CONSISTS OF FRAMING MATERIALS, WELDING RODS MIXED W/ BROKEN GLASS AND LIGHT BULBS.

A WHITE POWDERY SUBSTANCE IS OBSERVED WITH METAL DEBRIS AND SOIL @ 2' BGS

METAL DEBRIS AND LANDFILL TRASH TERMINATES @ 4.5' BGS

8' TOTAL DEPTH OF TP-13B SAMPLE COLLECTED @ 8' BGS

TP-13B MEASURES 13' x 5'.

Ahtna Environmental, Inc.

TEST PIT LOG

PROJECT NUMBER:	TEST PIT NUMBER:	SHEET:
05172.002	TP-14	1 of 1

PROJECT NAME	Port Heiden RRS Landfill (LF007) Supplemental RI	METHODOLOGY / EQUIPMENT	CAT 320 EXCAVATOR
SITE	PTH NLF	# OF SAMPLES	2
DATE	7/23/18	SAMPLE TYPE	GRAB
CLIENT	USACE	NORTHING	
GEOLOGIST	LH	EASTING	
TOTAL DEPTH		ELEVATION	

ADDITIONAL NOTES: 16'N-S x 11'E-W

DEPTH (FEET)	WATER OBSERVED (FEET BGS)	CAVING OBSERVED (FEET BGS)	PID	TIME	GROUP SYMBOL	SOIL DESCRIPTION AND NOTES (color, major constituents/minor constituents (particle distribution and particle shape), density, plasticity, cohesiveness, moisture content, fracturing, weathering, depositional environment, stratigraphic unit)
0	NONE	NONE		1345		0-1.5' BGS IS REMOVED AND TREATED AS POTENTIALLY PCB CONTAMINATED SOIL (PLACED IN SUPERSACK) SAMPLE ID COLLECTED @ 1' BGS
1						
2						NO METAL DEBRIS, DRUMS, LANDFILL CONTENTS ARE IDENTIFIED BETWEEN 0-5' BGS. IN AN EFFORT TO LOCATE LANDFILL MATERIALS, TP-14 IS WIDENED BY 1 EXCAVATOR BUCKET TO REACH A MAX WIDTH OF 11'.
3						
4						NO MATERIALS IDENTIFIED
5						SOIL MOSTLY CONSISTS OF BROWN SANDY SILT W/ ROUNDED GRAVELS AND COBBLES.
6						
7						TP-14 TERMINATED @ TOTAL DEPTH OF 7' BGS. SAMPLE COLLECTED @ 7' BGS
8						
9						

Ahtna Environmental, Inc.

TEST PIT LOG

PROJECT NUMBER:	TEST PIT NUMBER:	SHEET:
05172.002	TP-15	1 of

PROJECT NAME	Port Heiden RRS Landfill (LF007) Supplemental RI	METHODOLOGY / EQUIPMENT	CAT 320 EXCAVATOR
SITE	PTH NLF	# OF SAMPLES	2
DATE	7/23/18	SAMPLE TYPE	GRAB
CLIENT	USACE	NORTHING	
GEOLOGIST	LH	EASTING	
TOTAL DEPTH		ELEVATION	

ADDITIONAL NOTES:
11' x 4'
1 DRUM READ)
"GASOLINE AVIATION"

DEPTH (FEET)	WATER OBSERVED (FEET BGS)	CAVING OBSERVED (FEET BGS)	PID	TIME	GROUP SYMBOL	SOIL DESCRIPTION AND NOTES (color, major constituents/minor constituents [particle distribution and particle shape], density, plasticity, cohesiveness, moisture content, fracturing, weathering, depositional environment, stratigraphic unit)
0	NONE	NONE				0-2' BGS POTENTIALLY PCB CONTAMINATED SOIL REMOVED
1						DRUMS ARE UNCOVERED ~ 6" BELOW GROUND SURFACE
2						APPROX. 10 DRUMS ARE REMOVED FROM TP-15 BETWEEN 2' AND
3						4.0' BGS . NO DRUMS HAVE CONTENTS
4						NO LANDFILL DEBRIS OBSERVED BELOW 4' BGS
5						
6						
7						TOTAL DEPTH OF TP-15 IS 7' BGS
8						SAMPLE COLLECTED @ 7' BGS
9						

Ahtna Environmental, Inc.

TEST PIT LOG

PROJECT NUMBER:	TEST PIT NUMBER:	SHEET:
05172.002	TP-16	1 of 1

PROJECT NAME	Port Heiden RRS Landfill (LF007) Supplemental RI	METHODOLOGY / EQUIPMENT	CAT 320 EXCAVATOR
SITE	PTH NLF	# OF SAMPLES	3
DATE	7/24	SAMPLE TYPE	GRAB
CLIENT	USACE	NORTHING	
GEOLOGIST	LH	EASTING	
TOTAL DEPTH		ELEVATION	

ADDITIONAL NOTES: 7' N-S x *31' E-W and 7' DEEP

* DOUBLED IN LENGTH IN EFFORT TO IDENTIFY LANDFILL MATERIALS

DEPTH (FEET)	WATER OBSERVED (FEET BGS)	CAVING OBSERVED (FEET BGS)	PID	TIME	GROUP SYMBOL	SOIL DESCRIPTION AND NOTES (color, major constituents/minor constituents [particle distribution and particle shape], density, plasticity, cohesiveness, moisture content, fracturing, weathering, depositional environment, stratigraphic unit)
0	NONE	NONE		0815		0-2' BGS REMOVED AS POTENTIALLY PCB CONTAMINATED SOIL
1						
2						
3				1105		SAMPLE TAKEN @ 3' BGS DUP TAKEN FROM 3' BGS @ 1105
4						SOIL IS DRY BLACK SANDY SILT WITH MIX OF CRUSHED PUMICE NO LANDFILL CONTENTS IDENTIFIED
5						TP-16 IS EXTENDED TO THE EAST IN AN EFFORT TO IDENTIFY LANDFILL CONTENTS
6						
7						TD 7' BGS SAMPLE COLLECTED
8						
9						

Ahtna Environmental, Inc.	TEST PIT LOG	PROJECT NUMBER: 05172.002	TEST PIT NUMBER: TP-17	SHEET: 1 of 1

PROJECT NAME	Port Heiden RRS Landfill (LF007) Supplemental RI	METHODOLOGY / EQUIPMENT	CAT 320 EXCAVATOR
SITE	PTH NLF	# OF SAMPLES	
DATE	7/24/18	SAMPLE TYPE	GRAB
CLIENT	USACE	NORTHING	
GEOLOGIST	LH	EASTING	
TOTAL DEPTH		ELEVATION	

ADDITIONAL NOTES: 16' E-W X 7' N-S

DEPTH (FEET)	WATER OBSERVED (FEET BGS)	CAVING OBSERVED (FEET BGS)	PID	TIME	GROUP SYMBOL	SOIL DESCRIPTION AND NOTES (color, major constituents/minor constituents (particle distribution and particle shape), density, plasticity, cohesiveness, moisture content, fracturing, weathering, depositional environment, stratigraphic unit)
0	NONE	NONE		1330		0-1.5' BGS REMOVED AS POTENTIALLY PCB CONTAMINATED SOIL
1						
2						SAMPLE COLLECTED @ 1.5' BGS DIRECTLY BELOW 55 GAL DRUM
3						4 DRUMS ARE REMOVED BETWEEN 1.5' AND 4' BGS.
4						NO LANDFILL CONTENTS OBSERVED BELOW 4' BGS.
5						
6						
7						
8						TD OF TP-17 @ 8' BGS SAMPLE COLLECTED @ 8' BGS
9						

APPENDIX D-7

WASTE INSPECTION LOGS

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WASTE STORAGE INSPECTION FORM

Project: Port Heiden RRS Landfill (LF007) Supplemental RI

Inspection Date	Container Unique ID	Storage Location	Container Origin Date	Leaks Found? (Y/N)	Container Damaged? (Y/N)	Overall Condition (Excellent, Good, Poor, Replace)	Comments
7/19/2018	NLF-S-001	RRS Laydown Area	7/19/2018	N	N	Excellent	

WASTE STORAGE INSPECTION FORM

Project: Port Heiden RRS Landfill (LF007) Supplemental RI

Inspection Date	Container Unique ID	Storage Location	Container Origin Date	Leaks Found? (Y/N)	Container Damaged? (Y/N)	Overall Condition (Excellent, Good, Poor, Replace)	Comments
7/20/2018	NLF-S-001	RRS Laydown Area	7/19/2018	N	N	Excellent	
7/20/2018	NLF-S-002	RRS Laydown Area	7/20/2018	N	N	Excellent	

WASTE STORAGE INSPECTION FORM

Project: Port Heiden RRS Landfill (LF007) Supplemental RI

Inspection Date	Container Unique ID	Storage Location	Container Origin Date	Leaks Found? (Y/N)	Container Damaged? (Y/N)	Overall Condition (Excellent, Good, Poor, Replace)	Comments
7/21/2018	NLF-S-001	RRS Laydown Area	7/19/2018	N	N	Excellent	
7/21/2018	NLF-S-002	RRS Laydown Area	7/20/2018	N	N	Excellent	
7/21/2018	NLF-S-003	RRS Laydown Area	7/21/2018	N	N	Excellent	
7/21/2018	NLF-S-004	RRS Laydown Area	7/21/2018	N	N	Excellent	

WASTE STORAGE INSPECTION FORM

Project: Port Heiden RRS Landfill (LF007) Supplemental RI

Inspection Date	Container Unique ID	Storage Location	Container Origin Date	Leaks Found? (Y/N)	Container Damaged? (Y/N)	Overall Condition (Excellent, Good, Poor, Replace)	Comments
7/22/2018	NLF-S-001	RRS Laydown Area	7/19/2018	N	N	Excellent	
7/22/2018	NLF-S-002	RRS Laydown Area	7/20/2018	N	N	Excellent	
7/22/2018	NLF-S-003	RRS Laydown Area	7/21/2018	N	N	Excellent	
7/22/2018	NLF-S-004	RRS Laydown Area	7/21/2018	N	N	Excellent	
7/22/2018	NLF-S-005	RRS Laydown Area	7/22/2018	N	N	Excellent	

WASTE STORAGE INSPECTION FORM

Project: Port Heiden RRS Landfill (LF007) Supplemental RI

Inspection Date	Container Unique ID	Storage Location	Container Origin Date	Leaks Found? (Y/N)	Container Damaged? (Y/N)	Overall Condition (Excellent, Good, Poor, Replace)	Comments
7/23/2018	NLF-S-001	RRS Laydown Area	7/19/2018	N	N	Excellent	
7/23/2018	NLF-S-002	RRS Laydown Area	7/20/2018	N	N	Excellent	
7/23/2018	NLF-S-003	RRS Laydown Area	7/21/2018	N	N	Excellent	
7/23/2018	NLF-S-004	RRS Laydown Area	7/21/2018	N	N	Excellent	
7/23/2018	NLF-S-005	RRS Laydown Area	7/22/2018	N	N	Excellent	
7/23/2018	NLF-S-006	RRS Laydown Area	7/23/2018	N	N	Excellent	
7/23/2018	NLF-S-009	Blue Connex at Barge Landing	7/23/2018	N	N	Excellent	
7/23/2018	NLF-S-010	Blue Connex at Barge Landing	7/23/2018	N	N	Excellent	
7/23/2018	NLF-S-011	Blue Connex at Barge Landing	7/23/2018	N	N	Excellent	
7/23/2018	NLF-L-001	Blue Connex at Barge Landing	7/23/2018	N	N	Excellent	

WASTE STORAGE INSPECTION FORM

Project: Port Heiden RRS Landfill (LF007) Supplemental RI

Inspection Date	Container Unique ID	Storage Location	Container Origin Date	Leaks Found? (Y/N)	Container Damaged? (Y/N)	Overall Condition (Excellent, Good, Poor, Replace)	Comments
7/24/2018	NLF-S-001	RRS Laydown Area	7/19/2018	N	N	Excellent	
7/24/2018	NLF-S-002	RRS Laydown Area	7/20/2018	N	N	Excellent	
7/24/2018	NLF-S-003	RRS Laydown Area	7/21/2018	N	N	Excellent	
7/24/2018	NLF-S-004	RRS Laydown Area	7/21/2018	N	N	Excellent	
7/24/2018	NLF-S-005	RRS Laydown Area	7/22/2018	N	N	Excellent	
7/24/2018	NLF-S-006	RRS Laydown Area	7/23/2018	N	N	Excellent	
7/24/2018	NLF-S-009	Blue Connex at Barge Landing	7/23/2018	N	N	Excellent	
7/24/2018	NLF-S-010	Blue Connex at Barge Landing	7/23/2018	N	N	Excellent	
7/24/2018	NLF-S-011	Blue Connex at Barge Landing	7/23/2018	N	N	Excellent	
7/24/2018	NLF-L-001	Blue Connex at Barge Landing	7/23/2018	N	N	Excellent	
7/24/2018	NLF-S-007	RRS Laydown Area	7/24/2018	N	N	Excellent	

WASTE STORAGE INSPECTION FORM

Project: Port Heiden RRS Landfill (LF007) Supplemental RI

Inspection Date	Container Unique ID	Storage Location	Container Origin Date	Leaks Found? (Y/N)	Container Damaged? (Y/N)	Overall Condition (Excellent, Good, Poor, Replace)	Comments
7/25/2018	NLF-S-001	RRS Laydown Area	7/19/2018	N	N	Excellent	
7/25/2018	NLF-S-002	RRS Laydown Area	7/20/2018	N	N	Excellent	
7/25/2018	NLF-S-003	RRS Laydown Area	7/21/2018	N	N	Excellent	
7/25/2018	NLF-S-004	RRS Laydown Area	7/21/2018	N	N	Excellent	
7/25/2018	NLF-S-005	RRS Laydown Area	7/22/2018	N	N	Excellent	
7/25/2018	NLF-S-006	RRS Laydown Area	7/23/2018	N	N	Excellent	
7/25/2018	NLF-S-009	Blue Connex at Barge Landing	7/23/2018	N	N	Excellent	
7/25/2018	NLF-S-010	Blue Connex at Barge Landing	7/23/2018	N	N	Excellent	
7/25/2018	NLF-S-011	Blue Connex at Barge Landing	7/23/2018	N	N	Excellent	
7/25/2018	NLF-L-001	Blue Connex at Barge Landing	7/23/2018	N	N	Excellent	
7/25/2018	NLF-S-007	RRS Laydown Area	7/24/2018	N	N	Excellent	
7/25/2018	NLF-S-008	RRS Laydown Area	7/25/2018	N	N	Excellent	
7/25/2018	NLF-L-002	Blue Connex at Barge Landing	7/25/2018	N	N	Excellent	

WASTE STORAGE INSPECTION FORM

Project: Port Heiden RRS Landfill (LF007) Supplemental RI

Inspection Date	Container Unique ID	Storage Location	Container Origin Date	Leaks Found? (Y/N)	Container Damaged? (Y/N)	Overall Condition (Excellent, Good, Poor, Replace)	Comments
7/26/2018	NLF-S-001	RRS Laydown Area	7/19/2018	N	N	Excellent	
7/26/2018	NLF-S-002	RRS Laydown Area	7/20/2018	N	N	Excellent	
7/26/2018	NLF-S-003	RRS Laydown Area	7/21/2018	N	N	Excellent	
7/26/2018	NLF-S-004	RRS Laydown Area	7/21/2018	N	N	Excellent	
7/26/2018	NLF-S-005	RRS Laydown Area	7/22/2018	N	N	Excellent	
7/26/2018	NLF-S-006	RRS Laydown Area	7/23/2018	N	N	Excellent	
7/26/2018	NLF-S-009	Blue Connex at Barge Landing	7/23/2018	N	N	Excellent	
7/26/2018	NLF-S-010	Blue Connex at Barge Landing	7/23/2018	N	N	Excellent	
7/26/2018	NLF-S-011	Blue Connex at Barge Landing	7/23/2018	N	N	Excellent	
7/26/2018	NLF-L-001	Blue Connex at Barge Landing	7/23/2018	N	N	Excellent	
7/26/2018	NLF-S-007	RRS Laydown Area	7/24/2018	N	N	Excellent	
7/26/2018	NLF-S-008	RRS Laydown Area	7/25/2018	N	N	Excellent	
7/26/2018	NLF-L-002	Blue Connex at Barge Landing	7/25/2018	N	N	Excellent	

WASTE STORAGE INSPECTION FORM

Project: Port Heiden RRS Landfill (LF007) Supplemental RI

Inspection Date	Container Unique ID	Storage Location	Container Origin Date	Leaks Found? (Y/N)	Container Damaged? (Y/N)	Overall Condition (Excellent, Good, Poor, Replace)	Comments
7/27/2018	NLF-S-001	RRS Laydown Area	7/19/2018	N	N	Excellent	
7/27/2018	NLF-S-002	RRS Laydown Area	7/20/2018	N	N	Excellent	
7/27/2018	NLF-S-003	RRS Laydown Area	7/21/2018	N	N	Excellent	
7/27/2018	NLF-S-004	RRS Laydown Area	7/21/2018	N	N	Excellent	
7/27/2018	NLF-S-005	RRS Laydown Area	7/22/2018	N	N	Excellent	
7/27/2018	NLF-S-006	RRS Laydown Area	7/23/2018	N	N	Excellent	
7/27/2018	NLF-S-009	Blue Connex at Barge Landing	7/23/2018	N	N	Excellent	
7/27/2018	NLF-S-010	Blue Connex at Barge Landing	7/23/2018	N	N	Excellent	
7/27/2018	NLF-S-011	Blue Connex at Barge Landing	7/23/2018	N	N	Excellent	
7/27/2018	NLF-L-001	Blue Connex at Barge Landing	7/23/2018	N	N	Excellent	
7/27/2018	NLF-S-007	RRS Laydown Area	7/24/2018	N	N	Excellent	
7/27/2018	NLF-S-008	RRS Laydown Area	7/25/2018	N	N	Excellent	
7/27/2018	NLF-L-002	Blue Connex at Barge Landing	7/25/2018	N	N	Excellent	
7/27/2018	NLF-L-003	Blue Connex at Barge Landing	7/27/2018	N	N	Excellent	

WASTE STORAGE INSPECTION FORM

Project: Port Heiden RRS Landfill (LF007) Supplemental RI

Inspection Date	Container Unique ID	Storage Location	Container Origin Date	Leaks Found? (Y/N)	Container Damaged? (Y/N)	Overall Condition (Excellent, Good, Poor, Replace)	Comments
7/28/2018	NLF-S-001	RRS Laydown Area	7/19/2018	N	N	Excellent	
7/28/2018	NLF-S-002	RRS Laydown Area	7/20/2018	N	N	Excellent	
7/28/2018	NLF-S-003	RRS Laydown Area	7/21/2018	N	N	Excellent	
7/28/2018	NLF-S-004	RRS Laydown Area	7/21/2018	N	N	Excellent	
7/28/2018	NLF-S-005	RRS Laydown Area	7/22/2018	N	N	Excellent	
7/28/2018	NLF-S-006	RRS Laydown Area	7/23/2018	N	N	Excellent	
7/28/2018	NLF-S-009	Blue Connex at Barge Landing	7/23/2018	N	N	Excellent	
7/28/2018	NLF-S-010	Blue Connex at Barge Landing	7/23/2018	N	N	Excellent	
7/28/2018	NLF-S-011	Blue Connex at Barge Landing	7/23/2018	N	N	Excellent	
7/28/2018	NLF-L-001	Blue Connex at Barge Landing	7/23/2018	N	N	Excellent	
7/28/2018	NLF-S-007	RRS Laydown Area	7/24/2018	N	N	Excellent	
7/28/2018	NLF-S-008	RRS Laydown Area	7/25/2018	N	N	Excellent	
7/28/2018	NLF-L-002	Blue Connex at Barge Landing	7/25/2018	N	N	Excellent	
7/28/2018	NLF-L-003	Blue Connex at Barge Landing	7/27/2018	N	N	Excellent	

WASTE STORAGE INSPECTION FORM

Project: Port Heiden RRS Landfill (LF007) Supplemental RI

Inspection Date	Container Unique ID	Storage Location	Container Origin Date	Leaks Found? (Y/N)	Container Damaged? (Y/N)	Overall Condition (Excellent, Good, Poor, Replace)	Comments
7/28/2018	NLF-S-001	RRS Laydown Area	7/19/2018	N	N	Excellent	
7/28/2018	NLF-S-002	RRS Laydown Area	7/20/2018	N	N	Excellent	
7/28/2018	NLF-S-003	RRS Laydown Area	7/21/2018	N	N	Excellent	
7/28/2018	NLF-S-004	RRS Laydown Area	7/21/2018	N	N	Excellent	
7/28/2018	NLF-S-005	RRS Laydown Area	7/22/2018	N	N	Excellent	
7/28/2018	NLF-S-006	RRS Laydown Area	7/23/2018	N	N	Excellent	
7/28/2018	NLF-S-009	Blue Connex at Barge Landing	7/23/2018	N	N	Excellent	
7/28/2018	NLF-S-010	Blue Connex at Barge Landing	7/23/2018	N	N	Excellent	
7/28/2018	NLF-S-011	Blue Connex at Barge Landing	7/23/2018	N	N	Excellent	
7/28/2018	NLF-L-001	Blue Connex at Barge Landing	7/23/2018	N	N	Excellent	
7/28/2018	NLF-S-007	RRS Laydown Area	7/24/2018	N	N	Excellent	
7/28/2018	NLF-S-008	RRS Laydown Area	7/25/2018	N	N	Excellent	
7/28/2018	NLF-L-002	Blue Connex at Barge Landing	7/25/2018	N	N	Excellent	
7/28/2018	NLF-L-003	Blue Connex at Barge Landing	7/27/2018	N	N	Excellent	

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APPENDIX D-8

WALRUS OBSERVATION LOG

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WALRUS OBSERVATION LOG

Project: USAF RRS Landfill (LF007) Supplemental RI
Port Heiden, AK

Date	Time	Observer	Location	Weather	Observations		Disturbance? If so, notification made?	
					# Walrus Present On Shore	# Walrus Present In Water	Field Team Lead	Ahtna PM
06/10/19	1930	Nick Simmons	Port Heiden	48° Foggy	0	0		
06/11/19	1930	Nick Simmons	Port Heiden	" "	0	0		
06/12/19	0700	Nick Simmons	Port Heiden	45° Foggy	0	0		
06/12/19	0800	Nick Simmons	Port Heiden	45° Foggy/Rain	0	0		
06/12/19	0900	Nick Simmons	Port Heiden	45° Foggy/Rain	0	0		
06/12/19	1100	Nick Simmons	Port Heiden	50° clear	0	0		
06/12/19	1300	Nick Simmons	Port Heiden	55° clear	0	0		
06/12/19	1500	Nick Simmons	Port Heiden	55° clear	0	0		
06/12/19	1700	Nick Simmons	Port Heiden	55° clear	0	0		
06/12/19	1900	Nick Simmons	Port Heiden	55° clear	0	0		
06/12/19	2100	Nick Simmons	Port Heiden	55° clear	0	0		

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APPENDIX E

CHEMICAL DATA QUALITY REVIEW

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TABLE OF CONTENTS

TABLES

ATTACHMENTS

ACRONYMS AND ABBREVIATIONS

AAC .....Alaska Administrative Code
ADEC.....Alaska Department of Environmental Conservation
Ahtna.....Ahtna Environmental, Inc.
COC .....chain of custody
DOD……...Department of Defense
DQR .....Data Quality Review
DRO……diesel range organics
EB .....equipment blank
FD…..……field duplicate
Geosyntec…...Geosyntec Consultants Inc.
GRO .....gasoline range organics
LCS .....laboratory control sample
LCSD .....laboratory control sample duplicate
LOD .....limit of detection
LOQ .....limit of quantitation
PAL .....project action limit
PARCCS .....Precision, Accuracy, Representativeness, Comparability, and Completeness
QAPP .....quality assurance project plan
QC .....quality control
QSM.....Quality Systems Manual
RPD.....relative percent difference
RRO……residual range organics
SDG.....sample delivery group
SEDD .....Staged Electronic Data Deliverable
SGS .....SGS North America, Inc.
SOP .....standard operating procedure
TB .....trip blank
TA .....TestAmerica Laboratories, Inc.
USACE .....U.S. Army Corps of Engineers
WP.....work plan

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1.0 INTRODUCTION

This data quality review (DQR) and Alaska Department of Environmental Conservation (ADEC) laboratory data review checklists assess the overall quality and usability of the analytical data from the 2018 sampling conducted per the May 2018 *Final Work Plan, U.S. Air Force Radio Relay Station Landfill (LF007) Supplemental Remedial Investigation, Port Heiden, Alaska* (the Work Plan). The assessment was performed by Geosyntec Consultants, Inc. (Geosyntec) under subcontract.

The quality and usability of the laboratory analytical data were evaluated using the following:

- The Work Plan (referenced above), including the project Quality Assurance Program Plan (QAPP);
- U.S. Department of Defense (DOD) Department of Energy (DOE) Consolidated Quality Systems Manual (QSM) for Environmental Laboratories, version 5.1 (2017);
- United States Environmental Protection Agency (USEPA) National Functional Guidelines for Organic Superfund Methods Data Review (2017);
- USEPA National Functional Guidelines for Inorganic Superfund Methods Data Review (2017);
- ADEC Technical Memorandum: Guidelines for Treatment of Non-Detect Values, Data Reduction for Multiple-Detections and Comparison of Quantitation Limits to Cleanup Values (2017);
- ADEC Technical Memorandum: Data Quality Objectives, Checklists, Quality Assurance Requirements for Laboratory Data, and Sample Handling Technical Memo (2017);
- The pertinent methods referenced in the data packages; and
- Professional and technical judgment.

1.1 Analytical Methods and Laboratories

The 2018 LF007 laboratory analytical data that were assessed for this DQR were from samples collected in July 2018 and analyzed between July and August 2018 per the Work Plan by the following laboratories: Eurofins TestAmerica (ETA) Sacramento, CA; ETA Seattle, WA; SGS North America, Inc. (SGS) Orlando, FL; and SGS Dayton, NJ. These laboratories analyzed the samples for the analytical tests detailed below.

ETA Sacramento, California analyzed the samples for the following analytical tests:

- Gasoline Range Organics (GRO) by United States Environmental Protection Agency (USEPA) Method 5035/State of Alaska (AK) Method AK101 (soil) and AK Method AK101 (water);

- Diesel Range Organics (DRO) by AK Method AK102/AK Method AK102 (soil) and USEPA Method 3510C/AK Method AK102 (water);

- Residual Range Organics (RRO) by AK Method AK102/AK Method AK103 (soil) and USEPA Method 3510C/AK Method AK103 (water);

- Volatile Organic Compounds (VOCs) by USEPA Methods 5035/8260C and 5035/8260C Using Selected Ion Monitoring (SIM) (soil), and 5030/8260C and 5030/8260C SIM (water);

- Semivolatile Organic Compounds (SVOCs) by USEPA Methods 3550B/8270D, 3550B/8270D SIM, and 3546/8270D SIM (soil), and 3510C/8270D and 3510C/8270D SIM (water);

- Organochlorine Pesticides by USEPA Methods 3546/8081B (soil) and 3510C/8081B (water)

- Polychlorinated Biphenyls (PCBs) by USEPA Methods 3546/8082A (soil) and 3510C/8082A (water);

- Mercury by USEPA Methods 7471B (soil) and 7470A (water);

- 1,4-Dioxane by TA standard operating procedure (SOP) WS-MS-0011 in accordance with USEPA Method 8270C SIM (water); and

- Percent Moisture by American Society for Testing and Materials (ASTM) Method D 2216 (soil).

ETA Seattle, Washington analyzed the samples for the following analytical tests:

- 1,2-Dibromoethane (EDB) and 1,2,3-trichloropropane by USEPA Method 8011 (soil and water);

- Herbicides by USEPA Method 8151A (soil); and

- Metals by USEPA Methods 3050B/6020A (soils) and 3005A/6020A (water).

SGS North America Inc. (SGS) Orlando, Florida analyzed the samples for the following analytical test:

- Herbicides by USEPA Methods 3510C/8151A (water)

SGS Dayton, New Jersey analyzed the samples for the following analytical test:

- Hexavalent Chromium (CrVI) by USEPA Method 218.7 (water)

The laboratories delivered the results in electronic formats, including level IV data packages, Staged Electronic Data Deliverable (SEDD) files, and Environmental Resources Program Information Management System files. The USACE SEDD Validation/Review Tool was used to perform an automated data review on all data packages received.

The Department of Defense (DoD) Environmental Laboratory Accreditation Program (ELAP) and ADEC contaminated sites program (CSP) accreditation certificates for the four project laboratories at the time of sample analysis and reporting are provided as Attachment 2.

1.2 Data Quality Indicators and Data Usability Assessment

Geosyntec performed a chain of custody (COC) review and completeness check of the electronic data to verify that data packages and electronic files included all the requested information. The pertinent analytical data were reviewed, including the COC and sample receipt records, laboratory case narratives, and laboratory analytical data. Waste samples were not validated per the scope of this assessment (see Section 1.3.2 below). Analytical data quality objectives (DQOs) were considered met when the quality of the sample data met precision, accuracy, representativeness, completeness, comparability, and sensitivity requirements. These criteria are described, as follows:

- **Precision** is a measure of the reproducibility of sample results. Precision is measured through the calculation of the relative percent difference (RPD) between duplicate sets of data. The goal is to maintain a level of analytical precision consistent with the project DQOs. Measurement of precision is achieved by the analysis of laboratory duplicates, laboratory control sample (LCS)/LCS duplicate (LCSD) pairs, matrix spike (MS)/MS duplicate (MSD), and field duplicate pairs. The precision criteria for this project are defined in the QSM and QAPP. Exceedances of the precision criteria are described in the data quality section below.

- **Accuracy** is used to describe the agreement between an observed value and an accepted reference or true value. Accuracy is measured through the calculation of the percent recovery (%R) of the measured value against the expected value of a fortified MS/MSD pair, and/or LCS or LCS/LCSD pair. Accuracy is also measured through the analysis of blanks, method blanks, field blanks, equipment blanks, and trip blanks, which provide information regarding the accuracy of the data through the assessment of bias that may be introduced to the analytical result through sampling or sample preparation and analytical procedures. Additionally, accuracy is measured through surrogate and internal standard recoveries in the individual samples as applicable to the method. The goal is to maintain a level of analytical accuracy consistent with the DQOs. The accuracy criteria for this project are defined in the QSM and QAPP. Exceedances of the accuracy criteria are described in the data quality section below.

- **Representativeness** is a qualitative measurement that describes how well the analytical data characterize an area of concern. Many factors can influence how representative the

analytical results are for an area sampled. These factors include the selection of appropriate analytical procedures, the sampling plan, matrix heterogeneity, and the procedures and protocols used to collect, preserve, and transport samples.

- **Comparability** refers to the equivalency of sets of data with respect to the project goals. Comparability is achieved using standard or similar techniques to collect and analyze representative samples. The three elements evaluated for comparability are analytical methods, quality of the data, and the sampling design.

- **Completeness** is a quantitative measure that is used to evaluate how many valid analytical data were obtained in comparison to the amount that was planned. Completeness is expressed as a percentage of usable analytical data. Per the project specific QAPP, the completeness goal is 95%. The completeness percentage includes data that are qualified as estimated and qualified due to blank contamination but does not include rejected data.

- **Sensitivity** refers to the capability of a method or instrument to detect a given analyte at a given concentration and reliably quantitate the analyte at that concentration. It is evaluated by verifying that the detected results and/or limits of detection (LODs) meet the project specific action levels and/or screening levels.

1.3 Sample Data Summary

1.3.1 Soil and Water Sample Data

Analytical results for 31 project soil samples and 4 project water samples were reviewed, along with the associated field quality control (QC) samples. The Sample Summary Table (Attachment 1, Table E1-1) summarizes the samples reported in each sample delivery group (SDG), sample location, matrix and requested analytical tests. The samples were analyzed by four different laboratories (ETA Sacramento, CA; ETA Seattle, WA; SGS Orlando, FL; and SGS Dayton, NJ) as described above. The analytical results were reported in thirteen SDGs from TA and SGS, as listed in Table 1-1 below.

TABLE 1-1. LABORATORY SAMPLE DELIVERY GROUPS

TA SDGs
320-41414-1 *
320-41463-1 *
320-41560-1 *
320-41560-2
320-41635-1 ^
320-41646-1
320-41648-1 *
320-41650-1
320-41659-1 ^
320-41660-1
SGS SDGs
FA56317 *
FA56389 *
1184067

^ SDG excluded from validation

* SDG revised

The laboratory reports and/or electronic data deliverables (EDDs) for the SDGs indicated with asterisks in the table above were revised by the laboratories to correct LODs and/or to clarify case narrative comments.

1.3.2 Waste Sample Data

Analytical results for fourteen waste characterization samples were reported by the laboratory. The samples were collected for purposes of characterizing project waste, including soil and containerized purge and decontamination water. According to the Ahtna project management (PM) team, the waste samples submitted in the SDGs were outside of the scope of data validation and therefore were not included in this DQR. Since SDGs 320-41635-1 and 320-41659-1 (shown with ^ symbol in Table 1-1 above) contained only waste samples and associated trip blank samples, the data presented in those SDGs are not included in this DQR. The total number of samples reported for each method and matrix in Table 2-1, as well as completeness checks, were conducted excluding the results reported in SDGs 320-41635-1 and 320-41659-1 as well as the waste samples reported in the remaining SDGs.

1.4 Data Validation Qualifiers

The following data validation qualifiers, as defined in the project-specific QAPP, were applied to the analytical data, as appropriate:

- J The analyte was positively identified, but the associated result was less than the limit of quantitation (LOQ) but greater than or equal to the detection limit (DL).
- B The analyte result is considered a high estimated value because of contamination present in the method blank (MB), trip blank (TB), or equipment blank (EB).
- H The analyte result is considered a low estimate because of a holding time exceedance.
- Q The analyte result is considered an estimated value biased high (H), low (L), or uncertain (N) because of a quality control failure.
- R The result was rejected. A rejected result was not usable and, therefore, was deleted from the report.

The project-specific QAPP stated that qualification was not required in the following circumstances:

- Surrogate or MS/MSD recoveries were outside QC limits, and the sample was diluted by a factor of 5 or greater.
- MS/MSD recoveries were outside QC limits, and the parent sample concentration was greater than the spike concentration.
- An analyte was detected in a blank, but there was no detection in the sample.

- Surrogate, MS/MSD or LCS/LCSD recoveries exceeded upper confidence limits, and there was no detection in the sample(s).

1.5 Data Reduction

As per the April 2017 ADEC Technical Memorandum: Guidelines for Treatment Of Non-Detect Values, Data Reduction For Multiple-Detections And Comparison Of Quantitation Limits To Cleanup Values, in cases where multiple results were reported for the same analyte in the same sample, the data should be reduced to report one result for each analyte in each sample.

Due to dilution analyses, reanalyses, and analytes that were reported from more than one method, the dataset evaluated in this DQR contained more than one result per sample for some analytes. Therefore, as per the rules presented in the April 2017 ADEC Technical Memorandum referenced above, one result per analyte was reported for each sample, as follows

- In cases where all the results reported for a given analyte in a particular sample were detections, the highest concentration result was reported.
- In cases where all the results reported for a given analyte in a particular sample were non-detect results, the non-detect result with the lowest LOD was reported.
- In cases where one or more of the results reported for a given analyte in a particular sample was a detection and the other result(s) were non-detect results, the highest concentration detected was reported.

The only exception that was made to the conditions cited above were for the analytes reported by Method 8011. Since the QAPP specifically requires the use of method 8011 for the analysis of ethylene dibromide (EDB) and 1,2,3-trichloropropane (1,2,3-TCP) and based on the differences in LODs between this and method 8260C EDB and 1,2,3-TCP results, only the Method 8011 results were considered for validation.

2.0 DATA VERIFICATION SUMMARY

Data verification is a process for evaluating the completeness, correctness, consistency, and compliance of field records, sample handling and receipt forms, chain of custody forms, laboratory reports, and analytical data, and other information against standards, regulations, or project-specific requirements. The following sections present the results of the verification of the COCs, laboratory deliverables, and the frequencies of field and laboratory QC samples.

2.1 Sample Handling and Custody Verification

COC forms were checked for accuracy and completeness, including those samples sent to a subcontract laboratory(s). COC forms were also checked to ensure that they were signed and dated when relinquished by the field sampler and received at the laboratory. The sample login information reported in the laboratory reports was also verified against the COCs. Coolers were clearly identified and the presence of trip blanks was verified for coolers containing volatile samples. Anomalies or exceptions are noted in the individual ADEC Checklists in Attachment 3.

Sample Receipt Forms (SRFs) were checked to verify that cooler temperature, sample preservation, and general sample condition were recorded by the laboratory and that, for any samples received in a compromised condition, the laboratory clearly identified the samples or sample bottles that were affected. Anomalies or exceptions are noted in the individual ADEC Checklists in Attachment 3. Sample receiving anomalies that resulted in qualification of the data are described in Section 3.1.

2.2 Laboratory Data Deliverable Verification

Laboratory data deliverables (laboratory reports and electronic data) were checked for completeness, consistency, and compliance with project-specific requirements. Each laboratory report was reviewed for completeness and compliance, checking that the following criteria have been met: the level of QC reporting meets or exceeds project requirements, all analyses were performed and reported as requested on the COC, QC sample data were reported, the case narrative describes QC failures or anomalies, COC forms and SRFs are included, the report is signed and dated, and that all records required by the QAPP have been included. Additionally, laboratory certifications were reviewed to check that each laboratory was DOD ELAP accredited and ADEC CSP approved at the time of sample analysis and reporting.

Electronic Data Deliverables (EDDs) were checked to ensure that an appropriate EDD has been generated for each data package, and that EDDs contain the field samples, QC samples, and analyses as the laboratory report. Data in the staged EDD (SEDD) v5.2 2A format was spot-checked (at least 10% of field samples) to confirm that results reported in the SEDD match those reported in the laboratory report.

2.3 Field QC Sample Frequency Verification

The following field QC sample frequencies were specified in QAPP Worksheets #12 and #20:

- Field duplicate (FD) – Collect and analyze 1 per 10 project samples.
- Trip blank – Submit and analyze 1 matrix-specific TB per shipment of samples for VOC analysis.
- Equipment blank – Collect and analyze 2 water EBs for the project; soil EBs are not required.
- MS/MSD – Collect 1 per 20 project samples and analyze 1 per extraction batch.

Table 2-1 presents the number of primary samples, FDs, TBs, EBs, and MS/MSDs analyzed for each analytical method and matrix. The required field QC sample frequencies were met for the project, with the following exceptions. A TB was not submitted for 1,4-dioxane, which was a QAPP-specified requirement. One water EB was submitted for the required analyses, rather than two water EBs.

TABLE 2-1. FIELD QUALITY CONTROL SUMMARY

Matrix	Analytical Group	Primary Samples	Field Duplicates	Matrix Spikes/ Matrix Spike Duplicates	Trip Blanks	Equipment Blanks
Soil	AK101 (GRO)	31	5	2	4	–
Soil	AK102/103 (DRO/RRO)	31	5	3	–	–
Soil	8260C/8260C SIM (VOCs)	31	5	3	4	–
Soil	8270D/8270D SIM (SVOCs)	31	5	9	–	–
Soil	8011 (EDB)	31	5	4	4	–
Soil	8151A (Herbicides)	31	5	3	–	–
Soil	8081B (Pesticides)	31	5	4	–	–
Soil	8082A (PCBs)	31	5	4	–	–
Soil	6020A (Metals)	31	5	3	–	–
Soil	7471B (Hg)	31	5	2	–	–
Water	AK101 (GRO)	4	1	1	5	1
Water	AK102/103 (DRO/RRO)	4	1	1	–	1
Water	8260C/8260C SIM (VOCs)	4	1	1	5	1
Water	8270D/8270D SIM (SVOCs)	4	1	1	–	1
Water	8011 (EDB)	4	1	1	3	1
Water	8151A (Herbicides)	4	1	1	–	1
Water	8081B (Pesticides)	4	1	1	–	1
Water	8082A (PCBs)	4	1	1	–	1
Water	6020A (Metals)	4	1	1	–	1
Water	7470 (Hg)	4	1	1	–	1
Water	218.7 (Cr VI)	4	1	1	1	–
Water	8270C SIM/ WS-MS-0011 (1,4-dioxane)	1	1	1	–	1

Key:
Cr VI - hexavalent chromium
DRO - diesel range organics
EDB - ethylene dibromide
GRO - gasoline range organics
Hg - mercury
PCB - polychlorinated biphenyls
RRO - residual range organics

SIM - selective ion monitoring
SVOC - semivolatile organic compounds
VOC - volatile organic compounds

2.4 Laboratory Batch QC Sample Frequency Verification

The analytical data were reviewed to check that the appropriate laboratory QC samples (i.e., method blank, LCS, and MS/MSD) were reported at the required frequencies for each analytical method and matrix, as per QAPP Worksheets #12 and #28. Any frequency exceptions are detailed in the individual ADEC Checklists in Attachment 3. For batches in which an MS/MSD pair was not analyzed or reported, an LCS/LCSD pair was used to verify method accuracy and precision. In some cases, for preparation batches that spanned two or more SDGs, a project-specific MS/MSD pair may have been reported only in one of the SDG's laboratory reports rather than in all laboratory reports associated with that preparation batch.

3.0 DATA QUALITY SUMMARY

Overall, based on this Stage 2A data validation covering the QC parameters listed below and based on the information provided, the data as qualified are usable for supporting project objectives, with the following exception.

Due to a 0% matrix spike recovery for methoxychlor in the Method 8081B MS/MSD pair using soil sample 18-NLF-TP-12-S03, the non-detect methoxychlor result in sample 18-NLF-TP-12-S03 was R qualified as rejected. Otherwise, the results that were not rejected are considered valid; therefore, the analytical completeness, defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for analysis, for the data set is 99.99%, meeting the QAPP specified completeness goal of 95%.

The detailed summary of the data validation per SDG is provided in the ADEC laboratory review checklists (Attachment 3). The tables in Attachment 4 include the analytical results that did not meet project DQOs and required qualification.

The following types of anomalies were identified during the data review process:

- Sample handling/preservation;
- Sample holding times;
- Method blank, trip blank, and equipment blank contamination;
- LCS/LCSD accuracy and precision;
- MS/MSD accuracy and precision;
- Surrogate standard accuracy;
- Continuing calibration verification accuracy;

- Field duplicate precision;
- Percent Solids assessment; and
- Sensitivity assessment.

The following sections describe these anomalies and their effects on data quality and usability. The detailed summary of the data validation per SDG is provided in the ADEC laboratory review checklists (Attachment 3).

3.1 Sample Handling/Preservation Assessment

Twenty coolers were shipped to ETA and SGS over the course of the 2018 sampling event; two of those twenty coolers contained only waste samples and their associated trip blanks and were, therefore, outside of the scope of this data assessment. The Sample Summary Table in Attachment 1 (Table E1-1) indicates the samples sent in each cooler and the analyses requested for each sample. All coolers were received at the laboratories in good condition. Sample receipt temperatures were within the QAPP-specified acceptance criteria of $\leq$ 6 degrees Celsius (°C).

Sample labeling and jar quantity discrepancies were identified by the laboratory in some cases. In most cases, the discrepancies were resolved by using the COC information or by email communication between the PM team and the client. These discrepancies are described in detail in the ADEC laboratory data review checklists (Attachment 3). The sample handling and preservation exceptions that resulted in the qualification of sample data are described below and summarized in Table E4-1 (Attachment 4).

The case narratives indicated that the following soil samples were received with an insufficient volume of preservative in the sample containers for Methods 8260, 8260 SIM, and AK101 and that the laboratory subsequently added 5mL of additional preservative to the samples upon receipt: 18-NLF-SB-07-S02, 18-NLF-SB-09-S01, 18-NLF-TP-08-S01, 18-NLF-TP-08-S02, 18-NLF-TP-09-S01, 18-NLF-TP-10-S01, 18-NLF-TP-10-S02, 18-NLF-TP-13-S01, 18-NLF-TP-13-S03, 18-NLF-TP-12-S01, 18-NLF-TP-12-S02, 18-NLF-TP-16-S01, and 18-NLF-TP-16-S03. Since the actual volume of methanol used for these samples is unknown, the associated sample results for Methods 8260, 8260 SIM, and AK101 were QN qualified as estimated with unknown biases.

Sample 18-NLF-MW-09-W01 was received with insufficient preservation. Both 250ml amber bottles had a pH of 7 where a pH of 2 was expected. The QAPP specifies the container used for Method AK 102/3 analysis should have pH<2. Therefore, the DRO and RRO concentrations in sample 18-NLF-MW-09-W01 were QN qualified as estimated with unknown biases.

The laboratory noted that the Method 218.7 sample 18-NLF-MW-08-W02 was received at the laboratory with a pH less than 8, outside the method specified acceptance criteria. The sample pH was adjusted by the laboratory to pH greater than 8 more than 24 hours after sample collection.

Therefore, the hexavalent chromium (CrVI) concentration in sample 18-NLF-MW-08-W02 was QL qualified as estimated with a low bias.

The case narrative indicated that, during storage at the laboratory and prior to analysis, the methanol preserved container for sample TBS-072318-01 was taken out of refrigeration and allowed to come to room temperature before being placed back into refrigerated storage. Therefore, the results for Methods 8260, 8260 SIM, and AK101 for sample TBS-072318-01 were QN qualified as estimated with unknown biases.

Table E4-1 (Attachment 4) summarizes the sample results that were qualified due to sample handling and preservation anomalies.

3.2 Sample Holding Time Assessment

Samples were prepared and analyzed within the matrix- and method-specific holding times specified in QAPP Worksheets #19 and #30, with the following exceptions.

The following soil samples were analyzed via Method 8011 outside the QAPP-specified 14-day holding time and, therefore, the 8011 results for these samples have been H qualified to indicate that they are considered low estimates because of holding time exceedances: 18-NLF-SB-09-S01, 18-NLF-SB-09-S02, 18-NLF-TP-11-S01, 18-NLF-TP-11-S02, 18-NLF-TP-13-S01, 18-NLF-TP-13-S02, 18-NLF-TP-13-S03, 18-NLF-SB-08-S01, 18-NLF-SB-08-S02, 18-NLF-TP-15-S01, 18-NLF-TP-15-S02, 18-NLF-TP-14-S01, 18-NLF-TP-14-S02, 18-NLF-TP-14-S03, 18-NLF-SB-10-S02, and 18-NLF-SB-10-S01.

According to the 320-41560-1 case narrative, due to 4,4'-DDT contamination in the Method 8081B batch 237125 method blank, sample 18-NLF-MW-08-W01 was re-extracted outside the QAPP-specified 7-day holding time. The reanalysis results were H flagged by the laboratory. Only the non-detect 4,4'-DDT result was reported from the reanalysis. The remaining target analytes were reported from the initial analysis.

Table E4-2 (Attachment 4) summarizes the sample results that were qualified due to holding time and receipt temperature exceedances.

3.3 Method Blank, Trip Blank, and Equipment Blank Assessment

Method blanks, TBs, and EBs were evaluated for detections above the DLs. In cases of blank contamination with estimated contaminant concentrations greater than the DL but less than the LOQ in a blank, the estimated contaminant concentrations greater than the DL but less than the LOQ in the associated samples were B qualified. Results that were B qualified may be false positives or may be biased high.

In several cases, target analytes were detected in method blanks at estimated concentrations greater than the DL and less than the LOQ. However, in only one case, a target analyte was detected in a method blank at a concentration greater than the LOQ. Specifically, 4,4'-DDT was detected at a concentration greater than the LOQ in the Method 8081B batch 237125 method blank. Since 4,4'-DDT was detected in associated sample 18-NLF-MW-08-W01, sample 18-NLF-MW-08-W01 was

re-extracted outside the QAPP-specified 7-day holding time. The 4,4'-DDT result was reported from the reanalysis and the result was a non-detect result.

Trip blanks were reviewed to check for sample contamination during field sample storage and shipping. One matrix specific TB was submitted per cooler that contained samples for volatile analyses. A total of fourteen water TBs and six soil TBs were reported for the project. Since trip blanks TBW-072918-08 and TBW-072918-09 accompanied waste samples only, they were not within the scope of data validation and were not assessed in this DQR or in the attached ADEC Checklists. GRO, acetone, bromomethane, toluene, and m- & p-xylenes were detected in one or more trip blanks at estimated concentrations greater than the DLs and less than the LOQs. The details of these detections and any resulting sample data qualifications are described in the individual ADEC Checklists in Attachment 3.

One equipment blank was submitted for the project, EBW-072918-01. This sample was collected at the completion of the monitoring well sample collection activities and is associated with all the water samples collected in this data set. The equipment blank sample was collected using deionized water as reagent-grade water was unavailable. The following analytes were detected in EBW-072918-01 at estimated concentrations greater than the DLs and less than the LOQs: Naphthalene, GRO, DRO, RRO, nickel, chromium, vanadium, toluene, acetone, chloroform, o-xylene, benzyl alcohol and bis(2-ethylhexyl)phthalate. Since the EBW-072918-01 GRO, benzyl alcohol, and bis(2-ethylhexyl)phthalate results were B qualified due to method blank or trip blank contamination, and since acetone is considered a common laboratory contaminant and its concentration in the trip blank was less than the LOQ, the equipment blank results for these compounds did not result in qualification of data. Since naphthalene, chromium, vanadium, toluene, chloroform, and o-xylene were not detected in the associated water samples, the equipment blank results for these compounds did not result in qualification of data. However, the estimated concentrations of DRO, RRO, and nickel in the associated water samples were B qualified as estimated with high biases due to equipment blank contamination. No soil equipment blanks were required by the QAPP and none were collected.

The following analytes were detected above the DLs in one or more of the method blanks, TBs, or EBs in the dataset and resulted in qualifications of sample results:

- AK 101: GRO;
- AK 102: DRO;
- AK 103: RRO;
- 8260C: m- & p-Xylene and toluene;
- 8270D: Bis(2-ethylhexyl)phthalate and benzyl alcohol;
- 8270D SIM: Pentachlorophenol; and
- 6020A: Nickel.

Table E4-3 (Attachment 4) summarizes the sample results that were qualified due to method blank, TB, and/or EB contamination. The details are described in the individual ADEC Checklists in Attachment 3.

3.4 Laboratory Control Sample Accuracy and Precision Assessment

LCSs or LCS/LCSD pairs were used to evaluate accuracy and precision for each analytical method. LCS/LCSD recoveries and RPDs were evaluated against the QSM criteria where available and against laboratory specified criteria otherwise. Sample results associated with LCS/LCSD pair recoveries that were low and outside the QSM criteria were QL qualified to indicate that the results are estimated with low biases. Sample concentrations associated with LCS/LSCD recoveries that were high and outside the QSM criteria were QH qualified to indicate that the results are estimated with high biases. Sample concentrations associated with LCS/LCSD RPDs outside of the QSM criteria were QN qualified as estimated with uncertain biases. Non-detect sample results associated with high LCS recovery or high RPDs were not qualified. Table E4-4 (Attachment 4) summarizes the sample results that were qualified due to LCS/LCSD recoveries or LCS/LCSD RPDs.

3.5 Matrix Spike/Matrix Spike Duplicate Accuracy and Precision Assessment

MS/MSD pairs were analyzed to evaluate the effect of the sample matrix on the performance of the analytical methods and laboratory procedures. The MS/MSD recoveries and RPDs were assessed against QSM-specified acceptance limits where available, and against laboratory-specific acceptance limits otherwise. Sample results associated with MS/MSD recoveries that were low and outside the acceptance criteria were QL qualified to indicate that the results are estimated with low biases. Sample concentrations associated with MS/MSD recoveries that were high and outside the acceptance criteria were QH qualified to indicate that the results are estimated with high biases. Sample concentrations associated with MS/MSD RPD results outside of the acceptance criteria were QN qualified as estimated with uncertain biases. Non-detect sample results associated with high MS/MSD recoveries or high RPDs were not qualified.

Due to a 0% matrix spike recovery for methoxychlor in the Method 8081B MS/MSD pair using soil sample 18-NLF-TP-12-S03, the non-detect methoxychlor result in sample 18-NLF-TP-12-S03 was R qualified as rejected.

Table E4-5 (Attachment 4) summarizes the sample results that were qualified due to MS/MSD recoveries or MS/MSD RPDs.

3.6 Surrogate Spike Accuracy Assessment

Surrogate spikes were included with the organic analyses to assess matrix effects and verify proper processing and method performance for each sample. The surrogate recoveries were assessed against QSM-specified acceptance limits where available, and against laboratory-specific acceptance limits otherwise. Sample results with surrogates outside acceptance criteria were qualified as estimated except in the following cases: non-detect sample results with high surrogate recoveries or samples with a dilution factor of 5 or greater. Sample results for methods with more than one surrogate were only qualified for surrogate recovery exceedances if the recoveries of the

majority of the surrogate analytes did not meet acceptance criteria. Sample results with low surrogate recoveries were QL qualified as estimated with low biases. Sample results with high surrogate recoveries were QH qualified as estimated with high biases. Sample results with both low and high surrogate recoveries were QN qualified as estimated with uncertain biases.

Table E4-6 (Attachment 4) summarizes the sample results that were qualified due to surrogate recoveries.

3.7 Continuing Calibration Verification (CCV) Accuracy Assessment

The CCV percent differences (%Ds) were assessed against the %D criteria specified in QAPP Worksheet #24. Qualifiers were applied to sample results associated with CCVs with %Ds outside the acceptance criteria, except when the CCV %D was high with a high bias and there were no sample detections. Sample results associated with high CCV %Ds with low biases were QL qualified to indicate that the affected sample results were estimated with low biases.

Table E4-7 (Attachment 4) summarizes the sample results that were qualified due to CCV %D exceedances.

3.8 Field Duplicate Precision Assessment

Field duplicates were collected to evaluate the precision of the sample collection and handling procedures. The frequency criterion of at least one FD per ten primary samples was met for each soil and water method.

Field duplicate precision was evaluated against the QAPP-specified RPD limits of 50 percent for soil samples and 30 percent for water samples. Sample results with RPDs that exceeded the acceptance criteria were QN qualified as estimated with uncertain biases. For cases where the field duplicate sample was a non-detect and the parent sample was a detection, or vice versa, the RPDs were considered non-calculable and both results were QN qualified as estimated with uncertain biases. The RPDs for sample pair results where both results were J qualified as estimated values less than the LOQ were considered non-calculable and both results remained J qualified as estimated values.

Table E4-8 (Attachment 4) summarizes the sample results that were qualified based on field duplicate precision exceedances.

3.9 Percent Solids Assessment

The laboratory determined the percent solids for the soil samples per ASTM Method D 2216 so the solid samples could be reported on a dry weight basis as required by the QSM. The soil sample results were reported on a dry weight basis. No qualifications were applied to the data based on percent solids results or associated corrections.

3.10 Sensitivity Assessment

Method- and matrix-specific project action limits (PALs) were defined in Worksheet #15 of the QAPP. The LODs met the PALs for the reported sample results, except for the non-detect sample

results presented in Table E4-9 (Attachment 4) for soil samples and in Table E4-10 (Attachment 4) for water samples.

3.11 Other Qualifications

In several SDGs, the case narratives indicated anomalies which, based on professional and technical judgment, resulted in qualification of sample results and are presented in Table E4-11 (Attachment 4). These situations are summarized below and are described in detail in the individual ADEC Checklists in Attachment 3.

The case narrative indicated that the tare weight sticker was damaged and unreadable for sample 18-NLF-SB-10-S01 for Methods 8260, 8260 SIM, and AK101 and that an average of five tare weights was used for this sample. Since the actual mass of soil used for these samples is unknown, the results for Methods 8260, 8260 SIM, and AK101 were QN qualified as estimated with unknown biases.

The case narratives indicated that the RPD results between the primary and confirmation columns exceeded 40% for Method 8081B analyte beta-BHC for samples 18-NLF-TP-12-S02 and 18-NLF-SB-07-S01 and for Method 8081B analytes endosulfan I and heptachlor epoxide for sample 18-NLF-TP-12-S04. Therefore, the beta-BHC results in samples 18-NLF-TP-12-S02 and 18-NLF-SB-07-S01 and the endosulfan I and heptachlor epoxide results in sample 18-NLF-TP-12-S04 were QN qualified as estimated with unknown biases.

According to the case narrative, sample 18-NLF-TP-12-S01 contained a mixture of PCBs 1254 and 1260. There are peaks in 1254 and 1260 that are in both of these PCBs; therefore, there is contribution between PCBs when more than one PCB is detected in a sample. According to the case narrative, the PCBs present were quantified as the predominant Aroclor, PCB 1254. Therefore, the concentration of PCB 1254 and the non-detect PCB 1260 result in sample 18-NLF-TP-12-S01 were QN qualified as estimated with uncertain biases.

4.0 OVERALL ASSESSMENT

This section summarizes the findings of the data validation, discusses potential impacts to data usability regarding project objectives, summarizes the impact to data quality indicator categories, and presents conclusions. Multiple results were qualified based on the Stage 2A data validation. Table E4-12 (Attachment 4) summarizes the sample results that were qualified based on the findings of the data validation and DQR and provides the final data validation qualifications for the sample results, along with the reason code(s) associated with each qualification. The definitions of the data validation reason codes are presented at the end of this DQR. A total of 1,320 valid reported individual sample results included in this DQR were qualified out of a total of 8,239 valid reported sample results included in this DQR. One sample result was rejected, as described below.

4.1 Impacts to Data Usability

The data reported in the SDGs for the LF007 2018 sampling, as qualified, are considered usable for supporting project objectives, with the following exception.

Due to a 0% matrix spike recovery for methoxychlor in the Method 8081B MS/MSD pair using soil sample 18-NLF-TP-12-S03, the non-detect methoxychlor result in sample 18-NLF-TP-12-S03 was R qualified as rejected. Otherwise, the results that were not rejected are considered valid. Qualified data that are not rejected should be used within the limitations of the qualification as applicable.

The following sections describe the impacts to data usability in the context of precision, accuracy, representativeness, comparability, completeness, and sensitivity (PARCCS) from the anomalies and QC failures identified during data validation.

4.1.1 Precision

LCS/LCSD and MS/MSD RPD assessments indicated that analytical precision is acceptable, with the qualifications based on RPD indicated in Tables E4-4 and E4-5 (Attachment 4) and detailed in the individual ADEC Checklists in Attachment 3. Field duplicate RPD assessments indicated that field sampling precision was generally acceptable, with the qualifications indicated in Tables E4-8 (Attachment 4) and detailed in the individual ADEC Checklists in Attachment 3. Overall precision is considered adequate for supporting project objectives.

4.1.2 Accuracy

CCV, LCS/LCSD, MS/MSD, and surrogate recovery assessments indicated that analytical precision was acceptable, with the qualifications indicated in Tables E4-4, E4-5, E4-6, and E4-7 (Attachment 4) and detailed in the individual ADEC Checklists in Attachment 3. Only one analytical result was rejected due to QC failure. There were also several results that were affected by MB, TB, or EB contamination, as indicated in Table E4-3 (Attachment 4) and detailed in the individual ADEC Checklists in Attachment 3. The affected results were qualified as estimated and the direction of bias was indicated ('QL' indicating a low bias, 'QH' indicating a high bias from recovery failures, and 'B' indicating a high bias from blank contamination).

Due to a 0% matrix spike recovery for methoxychlor in the Method 8081B MS/MSD pair using soil sample 18-NLF-TP-12-S03, the non-detect methoxychlor result in sample 18-NLF-TP-12-S03 was R qualified as rejected. The remaining reported data are considered valid and usable for supporting project objectives. However, the bias of estimated results should be taken carefully into account when comparing to PALs for decision-making purposes.

4.1.3 Representativeness

The following were reviewed to verify the representativeness of the sample data: the field sampling plan, including sampling locations, quantities, and the procedures and protocols used to collect, preserve, and transport samples; the analytical procedures selected; the COCs and sample receipt and laboratory narratives. Based on these documented and implemented protocols, the sample data are found to be representative.

4.1.4 Comparability

Comparability was achieved by using the same group of primary DOD-certified analytical laboratories throughout the sampling effort. The use of accredited analytical methods, laboratory

procedures, and LOQs or LODs that are sufficient to achieve the PALs where possible, are, therefore, considered consistent and comparable.

4.1.5 Completeness

The analytical completeness, defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for analysis, for the data set is 99.99%, meeting the QAPP specified completeness goal of 95%.

4.1.6 Sensitivity

Laboratory LODs for non-detect sample results for soil and water samples were evaluated against the PALs provided in QAPP Worksheet #15. The confidence level at the LOD was 99 percent (i.e., 1 percent false negative rate), as per the QSM definition. This level of uncertainty is deemed acceptable for the purpose of the report. The project samples generally conformed to the project requirements for analytical sensitivity, with the following exceptions.

There were several non-detect sample results reported from Methods 8260C, 8260C SIM, 8270D, 8270D SIM, 8011, 8081B, and 8151A for which LODs exceeded the PALs listed in QAPP Worksheet #15. These exceedances are presented in Tables E4-9 and E4-10 (Attachment 4). Many of the analytes for which the LODs exceeded the PALs were highlighted in QAPP Worksheet #15, indicating that the exceedances were acknowledged during the planning phase of the project. While the exceedances presented in Tables E4-9 and E4-10 (Attachment 4) may lead to the reporting of false negative results (in relation to the analytes' respective PALs), many of the exceedances were due to samples being analyzed at dilutions due to the high concentrations of target analytes in the sample, which resulted in elevated LODs.

5.0 CONCLUSION

In general, the overall quality of the data set is acceptable. The completeness goal of 95% for all parameters was met; the final completeness was 99.99%. The reported data, that were not rejected, are considered usable for the 2018 LF007 Supplemental Remedial Investigation, within the limitations of the qualifications. Data limitations are discussed in this DQR and ADEC laboratory data review checklists (Attachment 3). The qualifications applied during data validation did not adversely affect data usability except for a single methoxychlor data point that was rejected. Several non-detect LOD values exceeded the PALs provided in QAPP Worksheet #15 and may lead to the reporting of false negative results (in relation to an analyte's respective PAL). However, in many cases where this occurred, samples were analyzed at dilutions due to the high concentrations of target analytes in the sample or the percent solids results were low, resulting in elevated LODs.

PARCCS were deemed acceptable, and the data, as qualified, are usable for supporting project DQOs. Data verification and data validation findings support that the dataset is representative of site conditions and comparable to other similar datasets.

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ATTACHMENT 1

DATA TABLES

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Sample ID	Location ID	Depth (ft bgs)	Matrix	Sample Type	Containers	Sampler	Date/Time	LabName	SDG	Coolers	Analysis Method														
											218.7	6020A	7470A	7471B	8011	8081B	8082A	8151A	8260C	8260CSIM	8270D	8270DSIM	AK101	AK102	AK103	D2216
18-NLF-MW-06-W01	MW-06	N/A	Water	Primary	1x250-mL HDPE, 3x40-mL SC VOA	KH	7/28/18 14:35	TA Tacoma	320-41646-1	Foster7		X			X										
18-NLF-MW-06-W01	MW-06	N/A	Water	Primary	6x40-mL SC VOA, 6x250-mL AG, 1x250-mL HDPE, 4x1-L AG	KH	7/28/18 14:35	TA West Sac	320-41646-1	Foster1			X			X	X		X	X	X	X	X	X	X	
18-NLF-MW-06-W01	MW-06	N/A	Water	Primary	1x1-L AG	KH	7/28/18 14:35	SGS FL	FA56389	Foster7								X								
18-NLF-MW-06-W01	MW-06	N/A	Water	Primary	1x250-mL HDPE	KH	7/28/18 14:35	SGS NJ	JC71220	Foster8	X															
18-NLF-MW-07-W01	MW-07	N/A	Water	Primary	1x250-mL HDPE, 3x40-mL SC VOA	LL	7/24/18 15:10	TA Tacoma	320-41560-1	AppleJack3		X			X											
18-NLF-MW-07-W01	MW-07	N/A	Water	Primary	6x40-mL SC VOA, 6x250-mL AG, 1x250-mL HDPE, 4x1-L AG	LL	7/24/18 15:10	TA West Sac	320-41560-1	AppleJack1			X			X	X		X	X	X	X	X	X	X	
18-NLF-MW-07-W01	MW-07	N/A	Water	Primary	1x1-L AG	LL	7/25/18 15:10	SGS FL	FA56317	AppleJack3								X								
18-NLF-MW-07-W01	MW-07	N/A	Water	Primary	1x250-mL HDPE	LL	7/24/18 15:10	SGS NJ	JC71220	Foster8	X															
18-NLF-MW-08-W01	MW-08	N/A	Water	Primary, MS/MSD	3x250-mL HDPE, 9x40-mL SC VOA, 6x1-L AG	KH	7/25/18 17:00	TA Tacoma	320-41560-1	Michael/ Marlon		X			X											
18-NLF-MW-08-W01	MW-08	N/A	Water	Primary, MS/MSD	3x250-mL HDPE, 18x250mL AG, 18x40-mL SC VOA	KH	7/25/18 17:00	TA West Sac	320-41560-1	Jermaine			X			X	X		X	X	X		X	X	X	
18-NLF-MW-08-W01	MW-08	N/A	Water	Primary, MS/MSD	12x1-L AG	KH	7/25/18 17:00	TA West Sac	320-41560-2	Jackie/Tito												X				
18-NLF-MW-08-W01	MW-08	N/A	Water	Primary, MS/MSD	1x1-L AG	KH	7/25/18 17:00	SGS FI	FA56317	Michael								X								
18-NLF-MW-08-W01	MW-08	N/A	Water	Primary, MS/MSD	3x250-mL HDPE	KH	7/25/18 17:00	SGS NJ	JC71220	Foster8	X															
18-NLF-MW-08-W02	MW-08	N/A	Water	Duplicate of MW-08-W01	1x250-mL HDPE, 3x40-mL SC VOA, 2x1-L AG	KH	7/25/18 17:30	TA Tacoma	320-41560-1	Michael/ Marlon		X			X											
18-NLF-MW-08-W02	MW-08	N/A	Water	Duplicate of MW-08-W01	1x250-mL HDPE, 6x250mL AG, 6x40-mL SC VOA	KH	7/25/18 17:30	TA West Sac	320-41560-1	Jermaine			X			X	X		X	X	X		X	X	X	
18-NLF-MW-08-W02	MW-08	N/A	Water	Duplicate of MW-08-W01	4x1-L AG	KH	7/25/18 17:30	TA West Sac	320-41560-2	Tito												X				
18-NLF-MW-08-W02	MW-08	N/A	Water	Duplicate of MW-08-W01	1x1-L AG	KH	7/25/18 17:30	SGS FL	FA56317	Michael								X								
18-NLF-MW-08-W02	MW-08	N/A	Water	Duplicate of MW-08-W01	1x250-mL HDPE	KH	7/25/18 17:30	SGS NJ	JC71220	Foster8	X															
18-NLF-MW-09-W01	MW-09	N/A	Water	Primary	1x250-mL HDPE, 3x40-mL SC VOA	KH	7/28/18 19:00	TA Tacoma	320-41660-1	Foster7		X			X											
18-NLF-MW-09-W01	MW-09	N/A	Water	Primary	6x40-mL SC VOA, 6x250-mL AG, 1x250-mL HDPE, 4x1-L AG	KH	7/28/18 19:00	TA West Sac	320-41660-1	Foster2			X			X	X		X	X	X	X	X	X	X	
18-NLF-MW-09-W01	MW-09	N/A	Water	Primary	1x1-L AG	KH	7/28/18 19:00	SGS FL	FA56389	Foster7								X								
18-NLF-MW-09-W01	MW-09	N/A	Water	Primary	1-250mL HDPE	KH	7/28/18 19:00	SGS NJ	JC71220	Foster8	X															
18-NLF-SB-06-S01	MW-06	25-27	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LL	7/19/18 14:45	TA Tacoma	320-41414-1	Cheerio2		X			X			X								
18-NLF-SB-06-S01	MW-06	25-27	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LL	7/19/18 14:45	TA West Sac	320-41414-1	Cheerio1				X		X	X		X	X	X	X	X	X	X	X
18-NLF-SB-06-S02	MW-06	40-42	Soil	Primary, MS/MSD	1x4-oz AG SC, 1x8oz AG	KH	7/20/18 15:10	TA Tacoma	320-41414-1	Cheerio2		X			X			X								
18-NLF-SB-06-S02	MW-06	40-42	Soil	Primary, MS/MSD	1x4-oz AG SC, 1x8oz AG	KH	7/20/18 15:10	TA West Sac	320-41414-1	Cheerio1				X		X	X		X	X	X	X	X	X	X	X
18-NLF-SB-07-S01	MW-07	28-30	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LL	7/21/18 11:30	TA Tacoma	320-41414-1	Cheerio2		X			X			X								
18-NLF-SB-07-S01	MW-07	28-30	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LL	7/21/18 11:30	TA West Sac	320-41414-1	Cheerio1				X		X	X		X	X	X	X	X	X	X	X
18-NLF-SB-07-S02	MW-07	30-32	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LL	7/21/18 11:35	TA Tacoma	320-41414-1	Cheerio2		X			X			X								
18-NLF-SB-07-S02	MW-07	30-32	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LL	7/21/18 11:35	TA West Sac	320-41414-1	Cheerio1				X		X	X		X	X	X	X	X	X	X	X
18-NLF-SB-08-S01	MW-08	35.5-37.5	Soil	Primary, MS/MSD	1x4-oz AG SC, 1x8oz AG	KH	7/22/18 17:55	TA Tacoma	320-41463-1	FrootLoop2		X			X			X								
18-NLF-SB-08-S01	MW-08	35.5-37.5	Soil	Primary, MS/MSD	1x4-oz AG SC, 1x8oz AG	KH	7/22/18 17:55	TA West Sac	320-41463-1	FrootLoop1				X		X	X		X	X	X	X	X	X	X	X
18-NLF-SB-08-S02	MW-08	37.5-39.5	Soil	Primary	1x4-oz AG SC, 1x8oz AG	KH	7/22/18 18:00	TA Tacoma	320-41463-1	FrootLoop2		X			X			X								
18-NLF-SB-08-S02	MW-08	37.5-39.5	Soil	Primary	1x4-oz AG SC, 1x8oz AG	KH	7/22/18 18:00	TA West Sac	320-41463-1	FrootLoop1				X		X	X		X	X	X	X	X	X	X	X
18-NLF-SB-09-S01	MW-09	23-25	Soil	Primary	1x4-oz AG SC, 1x8oz AG	KH	7/22/18 10:10	TA Tacoma	320-41414-1	Cheerio2		X			X			X								
18-NLF-SB-09-S01	MW-09	23-25	Soil	Primary	1x4-oz AG SC, 1x8oz AG	KH	7/22/18 10:10	TA West Sac	320-41414-1	Cheerio1				X		X	X		X	X	X	X	X	X	X	X
18-NLF-SB-09-S02	MW-09	25-27	Soil	Primary	1x4-oz AG SC, 1x8oz AG	KH	7/22/18 10:15	TA Tacoma	320-41414-1	Cheerio2		X			X			X								
18-NLF-SB-09-S02	MW-09	25-27	Soil	Primary	1x4-oz AG SC, 1x8oz AG	KH	7/22/18 10:15	TA West Sac	320-41414-1	Cheerio1				X		X	X		X	X	X	X	X	X	X	X
18-NLF-SB-10-S01	MW-10	46-48	Soil	Primary	1x4-oz AG SC, 1x8oz AG	KH	7/23/18 16:00	TA Tacoma	320-41463-1	FrootLoop2		X			X			X								
18-NLF-SB-10-S01	MW-10	46-48	Soil	Primary	1x4-oz AG SC, 1x8oz AG	KH	7/23/18 16:00	TA West Sac	320-41463-1	FrootLoop1				X		X	X		X	X	X	X	X	X	X	X
18-NLF-SB-10-S02	MW-10	48-50	Soil	Primary	1x4-oz AG SC, 1x8oz AG	KH	7/23/18 15:55	TA Tacoma	320-41463-1	FrootLoop2		X			X			X								
18-NLF-SB-10-S02	MW-10	48-50	Soil	Primary	1x4-oz AG SC, 1x8oz AG	KH	7/23/18 15:55	TA West Sac	320-41463-1	FrootLoop1				X		X	X		X	X	X	X	X	X	X	X
18-NLF-TP-08-S01	TP-08	1.5-2.0	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LH	7/21/18 10:40	TA Tacoma	320-41414-1	Cheerio2		X			X			X								
18-NLF-TP-08-S01	TP-08	1.5-2.0	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LH	7/21/18 10:40	TA West Sac	320-41414-1	Cheerio1				X		X	X		X	X	X	X	X	X	X	X
18-NLF-TP-08-S02	TP-08	8-8.5	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LH	7/21/18 10:45	TA Tacoma	320-41414-1	Cheerio2		X			X			X								
18-NLF-TP-08-S02	TP-08	8-8.5	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LH	7/21/18 10:45	TA West Sac	320-41414-1	Cheerio1				X		X	X		X	X	X	X	X	X	X	X
18-NLF-TP-09-S01	TP-09	1.5-2	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LH	7/21/18 15:20	TA Tacoma	320-41414-1	Cheerio2		X			X			X								
18-NLF-TP-09-S01	TP-09	1.5-2	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LH	7/21/18 15:20	TA West Sac	320-41414-1	Cheerio1				X		X	X		X	X	X	X	X	X	X	X
18-NLF-TP-09-S02	TP-09	1.5-2	Soil	Duplicate of TP-09-S01	1x4-oz AG SC, 1x8oz AG	LH	7/21/18 15:25	TA Tacoma	320-41414-1	Cheerio2		X			X			X								
18-NLF-TP-09-S02	TP-09	1.5-2	Soil	Duplicate of TP-09-S01	1x4-oz AG SC, 1x8oz AG	LH	7/21/18 15:25	TA West Sac	320-41414-1	Cheerio1				X		X	X		X	X	X	X	X	X	X	X
18-NLF-TP-09-S03	TP-09	6.5-7	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LH	7/21/18 15:30	TA Tacoma	320-41414-1	Cheerio2		X			X			X								
18-NLF-TP-09-S03	TP-09	6.5-7	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LH	7/21/18 15:30	TA West Sac	320-41414-1	Cheerio1				X		X	X		X	X	X	X	X	X	X	X
18-NLF-TP-10-S01	TP-10	2.5-3	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LH	7/20/18 10:50	TA Tacoma	320-41414-1	Cheerio2		X			X			X								
18-NLF-TP-10-S01	TP-10	2.5-3	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LH	7/20/18 10:50	TA West Sac	320-41414-1	Cheerio1				X		X	X		X	X	X	X	X	X	X	X
18-NLF-TP-10-S02	TP-10	8-8.5	Soil	Primary	1x4-oz AG SC, 1x8oz AG	KH	7/20/18 11:00	TA Tacoma	320-41414-1	Cheerio2		X			X			X								
18-NLF-TP-10-S02	TP-10	8-8.5	Soil	Primary	1x4-oz AG SC, 1x8oz AG	KH	7/20/18 11:00	TA West Sac	320-41414-1	Cheerio1				X		X	X		X	X	X	X	X	X	X	X
18-NLF-TP-11-S01	TP-11	2-2.5	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LH	7/22/18 11:00	TA Tacoma	320-41414-1	Cheerio2		X			X			X								
18-NLF-TP-11-S01	TP-11	2-2.5	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LH	7/22/18 11:00	TA West Sac	320-41414-1	Cheerio1				X		X	X		X	X	X	X	X	X	X	X
18-NLF-TP-11-S02	TP-11	11.5-12	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LH	7/22/18 11:15	TA Tacoma	320-41414-1	Cheerio2		X			X			X								
18-NLF-TP-11-S02	TP-11	11.5-12	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LH	7/22/18 11:15	TA West Sac	320-41414-1	Cheerio1				X		X	X		X	X	X	X	X	X	X	X
18-NLF-TP-12-S01	TP-12	2-2.5	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LH	7/25/18 9:45	TA Tacoma	320-41560-1	AppleJack3		X			X			X								
18-NLF-TP-12-S01	TP-12	2-2.5	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LH	7/25/18 9:45	TA West Sac	320-41560-1	AppleJack2				X		X	X		X	X	X	X	X	X	X	X
18-NLF-TP-12-S02	TP-12	2-2.5	Soil	Duplicate of TP-12-S01	1x4-oz AG SC, 1x8oz AG	LH	7/25/18 9:50	TA Tacoma	320-41560-1	AppleJack3		X			X			X								
18-NLF-TP-12-S02	TP-12	2-2.5	Soil	Duplicate of TP-12-S01	1x4-oz AG SC, 1x8oz AG	LH	7/25/18 9:50	TA West Sac	320-41560-1	AppleJack2				X		X	X		X	X	X	X	X	X	X	X
18-NLF-TP-12-S03	TP-12	7.5-8	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LH	7/25/18 9:55	TA Tacoma	320-41560-1	AppleJack3		X			X			X								
18-NLF-TP-12-S03	TP-12	7.5-8	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LH	7/25/18 9:55	TA West Sac	320-41560-1	AppleJack2				X		X	X		X	X	X	X	X	X	X	X
18-NLF-TP-12-S04	TP-12	5-5.5	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LH	7/26/18 16:30	TA Tacoma	320-41648-1	Foster7		X			X			X								
18-NLF-TP-12-S04	TP-12	5-5.5	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LH	7/26/18 16:30	TA West Sac	320-41648-1	Foster6				X		X	X		X	X	X	X	X	X	X	X
18-NLF-TP-13-S01	TP-13B	1.5-2	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LH	7/22/18 16:50	TA Tacoma	320-41463-1	FrootLoop2		X			X			X								
18-NLF-TP-13-S01	TP-13B	1.5-2	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LH	7/22/18 16:50	TA West Sac	320-41463-1	FrootLoop1				X		X	X		X	X	X	X	X	X	X	X
18-NLF-TP-13-S02	TP-13B	1.5-2	Soil	Duplicate of TP-13-S01	1x4-oz AG SC, 1x8oz AG	LH	7/22/18 16:55	TA Tacoma	320-41463-1	FrootLoop2		X			X			X								
18-NLF-TP-13-S02	TP-13B	1.5-2	Soil	Duplicate of TP-13-S01	1x4-oz AG SC, 1x8oz AG	LH	7/22/18 16:55	TA West Sac	320-41463-1	FrootLoop1				X		X	X		X	X	X	X	X	X	X	X
18-NLF-TP-13-S03	TP-13B	7.5-8	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LH	7/22/18 17:00	TA Tacoma	320-41463-1	FrootLoop2		X			X			X								
18-NLF-TP-13-S03	TP-13B	7.5-8	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LH	7/22/18 17:00	TA West Sac	320-41463-1	FrootLoop1				X		X	X		X	X	X	X	X	X	X	X
18-NLF-TP-14-S01	TP-14	1-1.5	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LH	7/23/18 14:40	TA Tacoma	320-41463-1	FrootLoop2		X			X			X								
18-NLF-TP-14-S01	TP-14	1-1.5	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LH	7/23/18 14:40	TA West Sac	320-41463-1	FrootLoop1				X		X	X		X	X	X	X	X	X	X	X
18-NLF-TP-14-S02	TP-14	1-1.5	Soil	Duplicate of TP-14-S01	1x4-oz AG SC, 1x8oz AG	LH	7/23/18 14:45	TA Tacoma	320-41463-1	FrootLoop2		X			X			X								
18-NLF-TP-14-S02	TP-14	1-1.5	Soil	Duplicate of TP-14-S01	1x4-oz AG SC, 1x8oz AG	LH	7/23/18 14:45	TA West Sac	320-41463-1	FrootLoop1				X		X	X		X	X	X	X	X	X	X	X
18-NLF-TP-14-S03	TP-14	6.5-7	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LH	7/23/18 14:50	TA Tacoma	320-41463-1	FrootLoop2		X			X			X								
18-NLF-TP-14-S03	TP-14	6.5-7	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LH	7/23/18 14:50	TA West Sac	320-41463-1	FrootLoop1				X		X	X		X	X	X	X	X	X	X	X
18-NLF-TP-15-S01	TP-15	1-1.5	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LH	7/23/18 9:10	TA Tacoma	320-41463-1	FrootLoop2		X			X			X								
18-NLF-TP-15-S01	TP-15	1-1.5	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LH	7/23/18 9:10	TA West Sac	320-41463-1	FrootLoop1				X		X	X		X	X	X	X	X	X	X	X
18-NLF-TP-15-S02	TP-15	6.5-7	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LH	7/23/18 9:20	TA Tacoma	320-41463-1	FrootLoop2		X			X			X								
18-NLF-TP-15-S02	TP-15	6.5-7	Soil	Primary	1x4-oz AG SC, 1x8oz AG	LH	7/23/18 9:20	TA West Sac	320-41463-1	FrootLoop1				X		X	X		X	X	X	X	X	X	X	X
18-NLF-TP-16-S01	TP-16	3-3.5	Soil	Primary	1x4-oz AG SC, 1x8oz AG	KH	7/24/18 11:00	TA Tacoma	320-41560-1	AppleJack3		X			X			X								

Sample ID	Location ID	Depth (ft bgs)	Matrix	Sample Type	Containers	Sampler	Date/Time	LabName	SDG	Coolers	Analysis Method															
											218.7	6020A	7470A	7471B	8011	8081B	8082A	8151A	8260C	8260CSIM	8270D	8270DSIM	AK101	AK102	AK103	D2216
18-NLF-TP-16-S01	TP-16	3-3.5	Soil	Primary	1x4-oz AG SC, 1x8oz AG	KH	7/24/18 11:00	TA West Sac	320-41560-1	AppleJack2				X		X	X		X	X	X	X	X	X	X	X
18-NLF-TP-16-S02	TP-16	3-3.5	Soil	Duplicate of TP-16-S01	1x4-oz AG SC, 1x8oz AG	KH	7/24/18 11:05	TA Tacoma	320-41560-1	AppleJack3		X			X			X								
18-NLF-TP-16-S02	TP-16	3-3.5	Soil	Duplicate of TP-16-S01	1x4-oz AG SC, 1x8oz AG	KH	7/24/18 11:05	TA West Sac	320-41560-1	AppleJack2				X		X	X		X	X	X	X	X	X	X	X
18-NLF-TP-16-S03	TP-16	6.5-7	Soil	Primary	1x4-oz AG SC, 1x8oz AG	KH	7/24/18 11:10	TA Tacoma	320-41560-1	AppleJack3		X			X			X								
18-NLF-TP-16-S03	TP-16	6.5-7	Soil	Primary	1x4-oz AG SC, 1x8oz AG	KH	7/24/18 11:10	TA West Sac	320-41560-1	AppleJack2				X		X	X		X	X	X	X	X	X	X	X
18-NLF-TP-17-S01	TP-17	1.5-2	Soil	Primary	1x4-oz AG SC, 1x8oz AG	KH	7/24/18 15:25	TA Tacoma	320-41560-1	AppleJack3		X			X			X								
18-NLF-TP-17-S01	TP-17	1.5-2	Soil	Primary	1x4-oz AG SC, 1x8oz AG	KH	7/24/18 15:25	TA West Sac	320-41560-1	AppleJack2				X		X	X		X	X	X	X	X	X	X	X
18-NLF-TP-17-S02	TP-17	7.5-8	Soil	Primary	1x4-oz AG SC, 1x8oz AG	KH	7/24/18 15:30	TA Tacoma	320-41560-1	AppleJack3		X			X			X								
18-NLF-TP-17-S02	TP-17	7.5-8	Soil	Primary	1x4-oz AG SC, 1x8oz AG	KH	7/24/18 15:30	TA West Sac	320-41560-1	AppleJack2				X		X	X		X	X	X	X	X	X	X	X
18-NLF-WS-01-L01	55gal NLF-L-001	N/A	Water	Waste Characterization	1x250-mL HDPE, 3x40-mL SC VOA	LH	7/29/18 14:20	TA Tacoma	320-41659-1	Foster7		X			X											
18-NLF-WS-01-L01	55gal NLF-L-001	N/A	Water	Waste Characterization	6x40-mL SC VOA, 6x250-mL AG, 1x250-mL HDPE, 4x1-L AG	LH	7/29/18 14:20	TA West Sac	320-41659-1	Foster4			X			X	X		X	X	X	X	X	X	X	
18-NLF-WS-01-L01	55gal NLF-L-001	N/A	Water	Waste Characterization	1x1-L AG	LH	7/29/18 14:20	SGS FL	FA56389	Foster7								X								
18-NLF-WS-01-L01	55gal NLF-L-001	N/A	Water	Waste Characterization	1x250-mL HDPE	LH	7/29/18 14:20	SGS NJ	JC71220	Foster8	X															
18-NLF-WS-01-S01	9cy NLF-S-001	N/A	Soil	Waste Characterization	1x8oz AG	LH	7/20/18 17:30	TA West Sac	320-41414-1	Cheerio1							X									X
18-NLF-WS-02-L01	55gal NLF-L-002	N/A	Water	Waste Characterization	1x250-mL HDPE, 3x40-mL SC VOA	LH	7/28/18 16:15	TA Tacoma	320-41635-1	Foster7		X			X											
18-NLF-WS-02-L01	55gal NLF-L-002	N/A	Water	Waste Characterization	6x40-mL SC VOA, 6x250-mL AG, 1x250-mL HDPE, 4x1-L AG	LH	7/28/18 16:15	TA West Sac	320-41635-1	Foster5			X			X	X		X	X	X	X	X	X	X	
18-NLF-WS-02-L01	55gal NLF-L-002	N/A	Water	Waste Characterization	1x1-L AG	LH	7/28/18 16:15	SGS FL	FA56389	Foster7								X								
18-NLF-WS-02-L01	55gal NLF-L-002	N/A	Water	Waste Characterization	1x250-mL HDPE	LH	7/29/18 16:15	SGS NJ	JC71220	Foster8	X															
18-NLF-WS-02-S01	9cy NLF-S-002	N/A	Soil	Waste Characterization	1x8oz AG	LH	7/21/18 14:00	TA West Sac	320-41414-1	Cheerio1							X									X
18-NLF-WS-03-L01	55gal NLF-L-003	N/A	Water	Waste Characterization	1x250-mL HDPE, 3x40-mL SC VOA	LH	7/29/18 15:05	TA Tacoma	320-41648-1	Foster7		X			X											
18-NLF-WS-03-L01	55gal NLF-L-003	N/A	Water	Waste Characterization	6x40-mL SC VOA, 6x250-mL AG, 1x250-mL HDPE, 4x1-L AG	LH	7/29/18 15:05	TA West Sac	320-41648-1	Foster6			X			X	X		X	X	X	X	X	X	X	
18-NLF-WS-03-L01	55gal NLF-L-003	N/A	Water	Waste Characterization	1x1-L AG	LH	7/29/18 15:05	SGS FL	FA56389	Foster7								X								
18-NLF-WS-03-L01	55gal NLF-L-003	N/A	Water	Waste Characterization	1x250-mL HDPE	LH	7/29/18 15:05	SGS NJ	JC71220	Foster8	X															
18-NLF-WS-03-S01	9cy NLF-S-003	N/A	Soil	Waste Characterization	1x8oz AG	LH	7/22/18 15:00	TA West Sac	320-41414-1	Cheerio1							X									X
18-NLF-WS-04-S01	9cy NLF-S-004	N/A	Soil	Waste Characterization	1x8oz AG	LL	7/22/18 15:05	TA West Sac	320-41414-1	Cheerio1							X									X
18-NLF-WS-05-S01	9cy NLF-S-005	N/A	Soil	Waste Characterization	1x8oz AG	LL	7/23/18 16:10	TA West Sac	320-41463-1	FrootLoop1							X									X
18-NLF-WS-06-S01	9cy NLF-S-006	N/A	Soil	Waste Characterization	1x8oz AG	LL	7/23/18 16:15	TA West Sac	320-41463-1	FrootLoop1							X									X
18-NLF-WS-07-S01	9cy NLF-S-007	N/A	Soil	Waste Characterization	1x8oz AG	LL	7/24/18 11:25	TA West Sac	320-41560-1	AppleJack2							X									X
18-NLF-WS-08-S01	9cy NLF-S-008	N/A	Soil	Waste Characterization	1x8oz AG	LL	7/25/18 12:20	TA West Sac	320-41560-1	AppleJack2							X									X
18-NLF-WS-09-S01	55gal NLF-S-009	N/A	Soil	Waste Characterization	1x4-oz AG SC, 1x8oz AG	LH	7/28/18 13:00	TA Tacoma	320-41648-1	Foster7		X			X			X								
18-NLF-WS-09-S01	55gal NLF-S-009	N/A	Soil	Waste Characterization	1x4-oz AG SC, 1x8oz AG	LH	7/28/18 13:00	TA West Sac	320-41648-1	Foster6				X		X	X		X	X	X	X	X	X	X	X
18-NLF-WS-10-S01	55gal NLF-S-010	N/A	Soil	Waste Characterization	1x4-oz AG SC, 1x8oz AG	LH	7/28/18 13:30	TA Tacoma	320-41648-1	Foster7		X			X			X								
18-NLF-WS-10-S01	55gal NLF-S-010	N/A	Soil	Waste Characterization	1x4-oz AG SC, 1x8oz AG	LH	7/28/18 13:30	TA West Sac	320-41648-1	Foster6				X		X	X		X	X	X	X	X	X	X	X
18-NLF-WS-11-S01	55gal NLF-S-011	N/A	Soil	Waste Characterization	1x4-oz AG SC, 1x8oz AG	LH	7/28/18 14:00	TA Tacoma	320-41648-1	Foster7		X			X			X								
18-NLF-WS-11-S01	55gal NLF-S-011	N/A	Soil	Waste Characterization	1x4-oz AG SC, 1x8oz AG	LH	7/28/18 14:00	TA West Sac	320-41648-1	Foster6				X		X	X		X	X	X	X	X	X	X	X
EBW-072918-01	N/A	N/A	Water	Equipment Blank	1x250-mL HDPE, 3x40-mL SC VOA	N/A	7/29/18 13:25	TA Tacoma	320-41650-1	Foster7		X			X											
EBW-072918-01	N/A	N/A	Water	Equipment Blank	6x40-mL SC VOA, 6x250-mL AG, 1x250-mL HDPE, 4x1-L AG	N/A	7/29/18 13:25	TA West Sac	320-41650-1	Foster3			X			X	X		X	X	X	X	X	X	X	
EBW-072918-01	N/A	N/A	Water	Equipment Blank	1x250-mL HDPE	N/A	7/29/18 13:25	SGS FL	FA56389	Foster7								X								
TBS-072318-01	N/A	N/A	Soil	Trip Blank	1x4-oz AG SC	N/A	7/23/18 0:00	TA Tacoma	320-41414-1	Cherrio2					X											
TBS-072318-01	N/A	N/A	Soil	Trip Blank	1x4-oz AG SC	N/A	7/23/18 0:00	TA West Sac	320-41414-1	Cherrio1									X	X			X			
TBS-072418-01	N/A	N/A	Soil	Trip Blank	1x4-oz AG SC	N/A	7/24/18 0:00	TA Tacoma	320-41463-1	FrootLoop1					X											
TBS-072418-01	N/A	N/A	Soil	Trip Blank	1x4-oz AG SC	N/A	7/24/18 0:00	TA West Sac	320-41463-1	FrootLoop2									X	X			X			
TBS-072518-01	N/A	N/A	Soil	Trip Blank	1x4-oz AG SC	N/A	7/25/18 0:00	TA West Sac	320-41560-1	AppleJack2									X	X			X			
TBS-072518-02	N/A	N/A	Soil	Trip Blank	1x4-oz AG SC	N/A	7/25/18 0:00	TA Tacoma	320-41560-1	AppleJack3					X											
TBS-072918-11	N/A	N/A	Soil	Trip Blank	1x4-oz AG SC	N/A	7/29/18 0:00	TA West Sac	320-41648-1	Foster6									X	X			X			
TBS-072918-14	N/A	N/A	Soil	Trip Blank	1x4-oz AG SC	N/A	7/26/18 0:00	TA Tacoma	320-41648-1	Foster7					X											
TBW-072418-01	N/A	N/A	Water	Trip Blank	3x40-mL SC VOA	N/A	7/24/18 0:00	TA West Sac	320-41560-1	AppleJack1													X			
TBW-072418-02	N/A	N/A	Water	Trip Blank	3x40-mL SC VOA	N/A	7/24/18 0:00	TA West Sac	320-41560-1	AppleJack1									X	X						
TBW-072418-03	N/A	N/A	Water	Trip Blank	3x40-mL SC VOA	N/A	7/24/18 0:00	TA Tacoma	320-41560-1	AppleJack3					X											
TBW-072618-01	N/A	N/A	Water	Trip Blank	6x40-mL SC VOA	N/A	7/26/18 0:00	TA West Sac	320-41560-1	Jermaine									X	X			X			
TBW-072618-02	N/A	N/A	Water	Trip Blank	3x40-mL SC VOA	N/A	7/26/18 0:00	TA Tacoma	320-41560-1	Michael					X											
TBW-072918-01	N/A	N/A	Water	Trip Blank	3x40-mL SC VOA	N/A	7/29/18 0:00	TA West Sac	320-41646-1	Foster1													X			
TBW-072918-02	N/A	N/A	Water	Trip Blank	3x40-mL SC VOA	N/A	7/29/18 0:00	TA West Sac	320-41646-1	Foster1									X	X						
TBW-072918-03	N/A	N/A	Water	Trip Blank	3x40-mL SC VOA	N/A	7/29/18 0:00	TA West Sac	320-41660-1	Foster2													X			
TBW-072918-04	N/A	N/A	Water	Trip Blank	3x40-mL SC VOA	N/A	7/29/18 0:00	TA West Sac	320-41660-1	Foster2									X	X						
TBW-072918-07	N/A	N/A	Water	Trip Blank	3x40-mL SC VOA	N/A	7/29/18 0:00	TA West Sac	320-41650-1	Foster4									X	X			X			
TBW-072918-08	N/A	N/A	Water	Trip Blank	3x40-mL SC VOA	N/A	7/29/18 0:00	TA West Sac	320-41659-1	Foster4									X	X			X			
TBW-072918-09	N/A	N/A	Water	Trip Blank	6x40-mL SC VOA	N/A	7/29/18 0:00	TA West Sac	320-41635-1	Foster5									X	X			X			
TBW-072918-12	N/A	N/A	Water	Trip Blank	6x40-mL SC VOA	N/A	7/29/18 0:00	TA West Sac	320-41648-1	Foster6									X	X			X			
TBW-072918-15	N/A	N/A	Water	Trip Blank	6x40-mL SC VOA	N/A	7/29/18 0:00	TA Tacoma	320-41648-1	Foster7					X											
TRIP BLANK	N/A	N/A	Water	Trip Blank	1x250-mL HDPE	N/A	7/29/18 16:15	SGS NJ	JC71220	Foster8	X															
										Preservative (Water)	$(NH_4)_2SO_4$	HNO_3	HNO_3		HCl			HCl	HCl			HCl	HCl	HCl	
										Preservative (Soil)								MeOH	MeOH			MeOH			

NPDL number is 18-009 Standard (non-rushed) sample turnaround times were provided Cooler temperatures were maintained between 0 and 6 degrees Celcius

Notes:

AG	amber glass	MS/MSD	matrix spike/matrix spike duplicate
AK	Alaska Method	$(NH_4)_2SO_4$	ammonium sulfate
FL	Florida	N/A	not applicable
ft bgs	feet below ground surface	NJ	New Jersey
HCl	hydrochloric acid	oz.	ounce
HDPE	high-density polyethylene	SC	septa cap
HNO_3	nitric acid	SDG	sample delivery group
KH	Kim Holmes	SGS	SGS North America Inc.
LH	Luke Hoffmann	SIM	selective ion monitoring
LL	Lexie Lucassen	TA	TestAmerica
MeOH	methanol	VOA	volatile organic analysis
mL	milliliter		

						Sample ID	18-NLF-SB-06-S01	18-NLF-SB-06-S02	18-NLF-SB-07-S01	18-NLF-SB-07-S02	18-NLF-SB-08-S01	18-NLF-SB-08-S02
						Location ID	MW-06	MW-06	MW-07	MW-07	MW-08	MW-08
						Sample Date/Time	7/19/18 14:45	7/20/18 15:10	7/21/18 11:30	7/21/18 11:35	7/22/18 17:55	7/22/18 18:00
						Sample Delivery Group	320414141	320414141	320414141	320414141	320414631	320414631
						Matrix	Soil	Soil	Soil	Soil	Soil	Soil
						Sample Type	Primary	Primary	Primary	Primary	Primary	Primary
						Parent Sample						
Method	Units	CAS ID	Analyte	PAL[1]	CRSL[2]							
AK101	mg/kg	GRO	Gas Range Organics	300	NA		0.39 [0.70] B, J	ND [0.59]	0.52 [0.61] B, J	0.39 [0.58] B, J, QN	ND [0.83]	0.35 [0.67] B, J
AK102	mg/kg	DRO	Diesel Range Organics	250	NA		2.0 [1.1] J	3.1 [1.1]	0.93 [1.1] J	1.0 [1.2] J	0.95 [1.1] B, J	1.1 [1.1] B, J
AK103	mg/kg	RRO	Residual Range Organics	10000	NA		10 [11] J	18 [11] J	ND [11]	8.0 [12] J	4.6 [11] J	5.9 [11] J
SW6020A	mg/kg	7440-38-2	Arsenic	0.2	0.88		**3.0 [0.14]**	**2.9 [0.14]**	**4.7 [0.14]**	**2.5 [0.15]**	**3.0 [0.15]**	**3.3 [0.17]**
SW6020A	mg/kg	7440-39-3	Barium	2100	2000		92 [0.14]	82 [0.14] QH	42 [0.14]	44 [0.15]	68 [0.15]	95 [0.17]
SW6020A	mg/kg	7440-43-9	Cadmium	9.1	9.2		0.13 [0.068] J	0.13 [0.068] J, QH	0.093 [0.069] J	0.090 [0.074] J	0.092 [0.075] J	0.097 [0.083] J
SW6020A	mg/kg	7440-47-3	Chromium	100000	10000		12 [0.085]	12 [0.085] QH	11 [0.086]	10 [0.093]	8.2 [0.093]	10 [0.10]
SW6020A	mg/kg	7439-92-1	Lead	400	40		2.9 [0.064]	2.9 [0.065]	2.2 [0.065]	1.9 [0.070]	2.5 [0.071]	11 [0.078]
SW6020A	mg/kg	7440-02-0	Nickel	340	200		11 [0.17]	10 [0.17]	10 [0.17]	8.4 [0.19]	9.7 [0.19]	9.6 [0.21]
SW6020A	mg/kg	7782-49-2	Selenium	6.9	51		0.78 [0.34]	0.82 [0.34]	0.71 [0.34]	0.63 [0.37]	3.4 [0.37]	3.8 [0.41]
SW6020A	mg/kg	7440-22-4	Silver	11	51		0.019 [0.017] J	0.016 [0.017] J	0.016 [0.017] J	0.023 [0.019] J	0.018 [0.019] J	0.028 [0.021] J
SW6020A	mg/kg	7440-62-2	Vanadium	510	51		62 [0.34]	60 [0.34] QH	66 [0.34]	48 [0.37]	48 [0.37]	51 [0.41]
SW7471B	mg/kg	7439-97-6	Mercury	0.36	0.31		0.013 [0.029] J	0.017 [0.025] J, QL	0.022 [0.026] J	0.010 [0.025] J	0.019 [0.029] J	0.014 [0.025] J
SW8011	mg/kg	96-18-4	1,2,3-Trichloropropane	0.000031	0.0066		**ND [0.00017] QL**	**ND [0.00018] QL**	**ND [0.00017]**	**ND [0.00018] QL**	**ND [0.00087] H, QL**	**ND [0.0017] H, QL**
SW8011	mg/kg	106-93-4	1,2-Dibromoethane	0.00024	0.042		ND [0.000043] QL	ND [0.000044] QL	ND [0.000042] QL	ND [0.000045] QL	ND [0.00022] H	**ND [0.00041] H**
SW8081B	mg/kg	309-00-2	Aldrin	0.0099	0.049		ND [0.00057]	ND [0.00055]	ND [0.00053]	0.00041 [0.0011] J	ND [0.00055]	ND [0.00060]
SW8081B	mg/kg	319-84-6	Alpha-Hexachlorocyclohexane	0.0029	0.11		ND [0.00057]	ND [0.00055]	ND [0.00053]	ND [0.0011]	ND [0.00055]	ND [0.00060]
SW8081B	mg/kg	319-85-7	Beta-Hexachlorocyclohexane	0.01	0.39		ND [0.00057]	ND [0.00055]	**0.015 [0.00053] QN**	ND [0.0011]	ND [0.00055]	ND [0.00060]
SW8081B	mg/kg	12789-03-6	Chlordane	0.18	2.2		ND [0.023]	ND [0.022]	ND [0.021]	ND [0.043]	ND [0.022]	ND [0.024]
SW8081B	mg/kg	5103-71-9	CIS-CHLORDANE	NA	NA		ND [0.00057]	ND [0.00055]	ND [0.00053]	ND [0.0011]	ND [0.00055]	ND [0.00060]
SW8081B	mg/kg	72-54-8	DDD	0.098	0.25		ND [0.00057]	ND [0.00055]	ND [0.00053]	ND [0.0011]	ND [0.00055]	ND [0.00060]
SW8081B	mg/kg	50-29-3	DDT	5.1	2.4		ND [0.0011]	ND [0.0011]	ND [0.0011]	ND [0.0022] QL	ND [0.0011]	ND [0.0012]
SW8081B	mg/kg	319-86-8	DELTA-BHC	NA	NA		ND [0.00057]	ND [0.00055]	ND [0.00053]	ND [0.0011] QL	ND [0.00055]	ND [0.00060]
SW8081B	mg/kg	60-57-1	Dieldrin	0.0047	0.044		ND [0.00057]	ND [0.00055]	ND [0.00053]	ND [0.0011]	ND [0.00055]	ND [0.00060]
SW8081B	mg/kg	115-29-7	Endosulfan (I + II)	9.3	61		ND [0.00114]	ND [0.0011]	ND [0.00106]	ND [0.0022]	ND [0.0011]	ND [0.0012]
SW8081B	mg/kg	959-98-8	ENDOSULFAN I	NA	NA		ND [0.00057]	ND [0.00055]	ND [0.00053]	ND [0.0011]	ND [0.00055]	ND [0.00060]
SW8081B	mg/kg	33213-65-9	ENDOSULFAN II	NA	NA		ND [0.00057]	ND [0.00055]	ND [0.00053]	ND [0.0011]	ND [0.00055]	ND [0.00060]
SW8081B	mg/kg	1031-07-8	ENDOSULFAN SULFATE	NA	NA		ND [0.0011]	ND [0.0011]	ND [0.0011]	ND [0.0022] QL	ND [0.0011]	ND [0.0012]
SW8081B	mg/kg	72-20-8	Endrin	0.61	2.5		ND [0.00031]	ND [0.00030]	ND [0.00029]	ND [0.00059]	ND [0.00030]	ND [0.00032]
SW8081B	mg/kg	7421-93-4	ENDRIN ALDEHYDE	NA	NA		ND [0.0011]	ND [0.0011]	ND [0.0011]	ND [0.0022]	ND [0.0011]	ND [0.0012]
SW8081B	mg/kg	53494-70-5	ENDRIN KETONE	NA	NA		ND [0.0011]	ND [0.0011]	ND [0.0011]	ND [0.0022]	ND [0.0011]	ND [0.0012]
SW8081B	mg/kg	58-89-9	Gamma- (Lindane)Hexachlorocyclohexane	0.016	0.74		ND [0.00057]	ND [0.00055]	ND [0.00053]	ND [0.0011]	ND [0.00055]	ND [0.00060]
SW8081B	mg/kg	76-44-8	Heptachlor	0.0076	0.16		ND [0.00057]	ND [0.00055]	ND [0.00053]	ND [0.0011] QL	ND [0.00055]	ND [0.00060]
SW8081B	mg/kg	1024-57-3	Heptachlor Epoxide	0.0019	0.086		ND [0.00031]	ND [0.00030]	ND [0.00029]	ND [0.00059]	ND [0.00030]	ND [0.00032]
SW8081B	mg/kg	72-43-5	Methoxychlor	13	41		ND [0.0034]	ND [0.0033]	ND [0.0032]	ND [0.0065] QL	ND [0.0033]	ND [0.0036]
SW8081B	mg/kg	72-55-9	p,p'-DDE	0.72	2.5		ND [0.00057]	ND [0.00055]	ND [0.00053]	ND [0.0011]	ND [0.00055]	ND [0.00060]
SW8081B	mg/kg	8001-35-2	Toxaphene	0.72	0.64		ND [0.057]	ND [0.055]	ND [0.053]	ND [0.11]	ND [0.055]	ND [0.06]
SW8081B	mg/kg	5103-74-2	TRANS-CHLORDANE	NA	NA		ND [0.00031]	ND [0.00030]	ND [0.00029]	ND [0.00059]	ND [0.00030]	ND [0.00032]
SW8082A	mg/kg	12674-11-2	Aroclor 1016	NA	NA		ND [0.011]	ND [0.011]	ND [0.011]	ND [0.022]	ND [0.011]	ND [0.012]
SW8082A	mg/kg	11104-28-2	Aroclor 1221	NA	NA		ND [0.017]	ND [0.017]	ND [0.016]	ND [0.033]	ND [0.016]	ND [0.018]
SW8082A	mg/kg	11141-16-5	Aroclor 1232	NA	NA		ND [0.023]	ND [0.022]	ND [0.021]	ND [0.043]	ND [0.022]	ND [0.024]

						Sample ID	18-NLF-SB-06-S01	18-NLF-SB-06-S02	18-NLF-SB-07-S01	18-NLF-SB-07-S02	18-NLF-SB-08-S01	18-NLF-SB-08-S02
						Location ID	MW-06	MW-06	MW-07	MW-07	MW-08	MW-08
						Sample Date/Time	7/19/18 14:45	7/20/18 15:10	7/21/18 11:30	7/21/18 11:35	7/22/18 17:55	7/22/18 18:00
						Sample Delivery Group	320414141	320414141	320414141	320414141	320414631	320414631
						Matrix	Soil	Soil	Soil	Soil	Soil	Soil
						Sample Type	Primary	Primary	Primary	Primary	Primary	Primary
						Parent Sample						
Method	Units	CAS ID	Analyte	PAL[1]	CRSL[2]							
SW8082A	mg/kg	53469-21-9	Aroclor 1242	NA	NA		ND [0.023]	ND [0.022]	ND [0.021]	ND [0.043]	ND [0.022]	ND [0.024]
SW8082A	mg/kg	12672-29-6	Aroclor 1248	NA	NA		ND [0.017]	ND [0.017]	ND [0.016]	ND [0.033]	ND [0.016]	ND [0.018]
SW8082A	mg/kg	11097-69-1	Aroclor 1254	NA	NA		ND [0.011]	ND [0.011]	ND [0.011]	ND [0.022]	ND [0.011]	ND [0.012]
SW8082A	mg/kg	11096-82-5	Aroclor 1260	NA	NA		ND [0.011]	0.17 [0.011]	0.0037 [0.011] J	ND [0.022]	ND [0.011]	ND [0.012]
SW8082A	mg/kg	PCBS	PCBS	1	NA		ND	0.17 [0.111]	0.0037 [0.107]	ND	ND	ND
SW8151A	mg/kg	93-76-5	2,4,5-Trichlorophenoxyacetic Acid	0.66	82		ND [0.083]	ND [0.087]	ND [0.082]	ND [0.09]	ND [0.086]	ND [0.088]
SW8151A	mg/kg	94-75-7	2,4-Dichlorophenoxy Acetic Acid	0.53	91		ND [0.083]	ND [0.087]	ND [0.082]	ND [0.09]	ND [0.086]	ND [0.088]
SW8151A	mg/kg	100-02-7	4-Nitrophenol	NA	NA		--	--	--	--	--	--
SW8151A	mg/kg	94-82-6	Butanoic acid, 4-(2,4-dichlorophenoxy)-	NA	NA		ND [0.083]	ND [0.087]	ND [0.082]	ND [0.09]	ND [0.086]	ND [0.088]
SW8151A	mg/kg	75-99-0	Dalapon	NA	NA		ND [0.12]	ND [0.13]	ND [0.12]	ND [0.13]	ND [0.13]	ND [0.13]
SW8151A	mg/kg	1918-00-9	Dicamba	NA	NA		ND [0.083]	ND [0.087]	ND [0.082]	ND [0.09]	ND [0.086]	ND [0.088]
SW8151A	mg/kg	120-36-5	Dichlorprop	NA	NA		ND [0.083]	ND [0.087]	ND [0.082]	ND [0.09]	ND [0.086]	ND [0.088]
SW8151A	mg/kg	88-85-7	Dinoseb	NA	NA		ND [0.12]	ND [0.13]	ND [0.12]	ND [0.13]	ND [0.13]	ND [0.13]
SW8151A	mg/kg	94-74-6	MCPA	NA	NA		ND [0.083]	ND [0.087]	ND [0.082]	ND [0.09]	ND [0.086]	ND [0.088]
SW8151A	mg/kg	93-65-2	MCPP	NA	NA		ND [0.083]	ND [0.087]	ND [0.082]	ND [0.09]	ND [0.086]	ND [0.088]
SW8151A	mg/kg	87-86-5	Pentachlorophenol	0.0043	1.3		--	--	--	--	--	--
SW8151A	mg/kg	93-72-1	Trichlorophenoxypropionic acid, -2,4,5	0.55	66		ND [0.083]	ND [0.087]	ND [0.082]	ND [0.09]	ND [0.086]	ND [0.088]
SW8260C	mg/kg	630-20-6	1,1,1,2-Tetrachloroethane	0.022	2.1		ND [0.0053]	ND [0.0044]	ND [0.0046]	ND [0.0044] QN	ND [0.0062]	ND [0.0050]
SW8260C	mg/kg	71-55-6	1,1,1-Trichloroethane	32	36		ND [0.0026]	ND [0.0022]	ND [0.0023]	ND [0.0022] QN	ND [0.0031]	ND [0.0025]
SW8260C	mg/kg	75-34-3	1,1-Dichloroethane	0.092	4.6		ND [0.0026]	ND [0.0022]	ND [0.0023]	ND [0.0022] QN	ND [0.0031]	ND [0.0025]
SW8260C	mg/kg	75-35-4	1,1-Dichloroethene	1.2	33		ND [0.0053]	ND [0.0044]	ND [0.0046]	ND [0.0044] QN	ND [0.0062]	ND [0.0050]
SW8260C	mg/kg	563-58-6	1,1-Dichloropropene	NA	NA		ND [0.0053]	ND [0.0044]	ND [0.0046]	ND [0.0044] QN	ND [0.0062]	ND [0.0050]
SW8260C	mg/kg	87-61-6	1,2,3-Trichlorobenzene	0.15	8.1		ND [0.0053]	ND [0.0044]	ND [0.0046]	ND [0.0044] QN	ND [0.0062]	ND [0.0050]
SW8260C	mg/kg	96-18-4	1,2,3-Trichloropropane	0.000031	0.0066		**ND [0.0053]**	**ND [0.0044]**	**ND [0.0046]**	**ND [0.0044] QN**	**ND [0.0062]**	**ND [0.0050]**
SW8260C	mg/kg	120-82-1	1,2,4-Trichlorobenzene	0.082	4.5		ND [0.0026]	ND [0.0022]	ND [0.0023]	ND [0.0022] QN	--	ND [0.0025]
SW8260C	mg/kg	95-63-6	1,2,4-Trimethylbenzene	0.61	4.3		ND [0.0026]	ND [0.0022]	ND [0.0023]	ND [0.0022] QN	ND [0.0031]	ND [0.0025]
SW8260C	mg/kg	156-59-2	1,2-cis-Dichloroethylene	0.12	20		ND [0.011]	ND [0.0088]	ND [0.0091]	ND [0.0087] QN	ND [0.012]	ND [0.01]
SW8260C	mg/kg	96-12-8	1,2-Dibromo-3-chloropropane	NA	NA		ND [0.011]	ND [0.0088]	ND [0.0091]	ND [0.0087] QN	ND [0.012]	ND [0.01]
SW8260C	mg/kg	95-50-1	1,2-Dichlorobenzene	2.4	7.8		ND [0.0026]	ND [0.0022]	ND [0.0023]	ND [0.0022] QN	--	ND [0.0025]
SW8260C	mg/kg	78-87-5	1,2-Dichloropropane	0.03	1.7		ND [0.0053]	ND [0.0044]	ND [0.0046]	ND [0.0044] QN	ND [0.0062]	ND [0.0050]
SW8260C	mg/kg	156-60-5	1,2-trans-Dichloroethylene	1.3	96		ND [0.0053]	ND [0.0044]	ND [0.0046]	ND [0.0044] QN	ND [0.0062]	ND [0.0050]
SW8260C	mg/kg	108-67-8	1,3,5-Trimethylbenzene	0.66	3.7		ND [0.0026]	ND [0.0022]	ND [0.0023]	ND [0.0022] QN	ND [0.0031]	ND [0.0025]
SW8260C	mg/kg	541-73-1	1,3-Dichlorobenzene	2.3	6.2		ND [0.0026]	ND [0.0022]	ND [0.0023]	ND [0.0022] QN	--	ND [0.0025]
SW8260C	mg/kg	142-28-9	1,3-Dichloropropane	NA	NA		ND [0.0026]	ND [0.0022]	ND [0.0023]	ND [0.0022] QN	ND [0.0031]	ND [0.0025]
SW8260C	mg/kg	106-46-7	1,4-Dichlorobenzene	0.037	2.1		ND [0.0026]	ND [0.0022]	ND [0.0023]	ND [0.0022] QN	--	ND [0.0025]
SW8260C	mg/kg	594-20-7	2,2-Dichloropropane	NA	NA		ND [0.0053]	ND [0.0044]	ND [0.0046]	ND [0.0044] QN	ND [0.0062]	ND [0.0050]
SW8260C	mg/kg	78-93-3	2-Butanone	15	2300		ND [0.026]	ND [0.022]	ND [0.023]	ND [0.022] QN	ND [0.031]	ND [0.025]
SW8260C	mg/kg	95-49-8	2-Chlorotoluene	NA	NA		ND [0.0026]	ND [0.0022]	ND [0.0023]	ND [0.0022] QN	ND [0.0031]	ND [0.0025]
SW8260C	mg/kg	591-78-6	2-Hexanone	0.11	27		ND [0.011]	ND [0.0088]	ND [0.0091]	ND [0.0087] QN	ND [0.012]	ND [0.01]
SW8260C	mg/kg	106-43-4	4-Chlorotoluene	NA	NA		ND [0.0026]	ND [0.0022]	ND [0.0023]	ND [0.0022] QN	ND [0.0031]	ND [0.0025]
SW8260C	mg/kg	99-87-6	4-Isopropyltoluene	NA	NA		ND [0.0026]	ND [0.0022]	ND [0.0023]	ND [0.0022] QN	ND [0.0031]	ND [0.0025]

						Sample ID	18-NLF-SB-06-S01	18-NLF-SB-06-S02	18-NLF-SB-07-S01	18-NLF-SB-07-S02	18-NLF-SB-08-S01	18-NLF-SB-08-S02
						Location ID	MW-06	MW-06	MW-07	MW-07	MW-08	MW-08
						Sample Date/Time	7/19/18 14:45	7/20/18 15:10	7/21/18 11:30	7/21/18 11:35	7/22/18 17:55	7/22/18 18:00
						Sample Delivery Group	320414141	320414141	320414141	320414141	320414631	320414631
						Matrix	Soil	Soil	Soil	Soil	Soil	Soil
						Sample Type	Primary	Primary	Primary	Primary	Primary	Primary
						Parent Sample						
Method	Units	CAS ID	Analyte	PAL[1]	CRSL[2]							
SW8260C	mg/kg	108-10-1	4-Methyl-2-pentanone	18	220	ND [0.0026]	ND [0.0022]	ND [0.0023]	ND [0.0022] QN	ND [0.0031]	ND [0.0025]	
SW8260C	mg/kg	67-64-1	Acetone	38	8100	0.018 [0.035] J	ND [0.029]	ND [0.03]	0.025 [0.029] J, QN	ND [0.042]	ND [0.034]	
SW8260C	mg/kg	71-43-2	Benzene	0.022	1.1	ND [0.0026]	ND [0.0022]	ND [0.0023]	ND [0.0022] QN	ND [0.0031]	ND [0.0025]	
SW8260C	mg/kg	108-86-1	Bromobenzene	0.36	16	ND [0.0053]	ND [0.0044]	ND [0.0046]	ND [0.0044] QN	ND [0.0062]	ND [0.0050]	
SW8260C	mg/kg	74-97-5	Bromochloromethane	NA	NA	ND [0.011]	ND [0.0088]	ND [0.0091]	ND [0.0087] QN	ND [0.012]	ND [0.01]	
SW8260C	mg/kg	75-25-2	Bromoform	0.1	24	ND [0.011]	ND [0.0088]	ND [0.0091]	ND [0.0087] QN	ND [0.012]	ND [0.01]	
SW8260C	mg/kg	75-15-0	Carbon disulfide	2.9	50	ND [0.0026]	ND [0.0022]	ND [0.0023]	ND [0.0022] QN	ND [0.0031]	ND [0.0025]	
SW8260C	mg/kg	56-23-5	Carbon tetrachloride	0.021	0.91	ND [0.0026]	ND [0.0022]	ND [0.0023]	ND [0.0022] QN	ND [0.0031]	ND [0.0025]	
SW8260C	mg/kg	108-90-7	Chlorobenzene	0.46	18	ND [0.0053]	ND [0.0044]	ND [0.0046]	ND [0.0044] QN	ND [0.0062]	ND [0.0050]	
SW8260C	mg/kg	75-00-3	Chloroethane	72	140	ND [0.011]	ND [0.0088]	ND [0.0091]	ND [0.0087] QN	ND [0.012]	ND [0.01]	
SW8260C	mg/kg	74-87-3	Chloromethane	0.61	17	ND [0.0026]	ND [0.0022]	ND [0.0023]	ND [0.0022] QN	ND [0.0031]	ND [0.0025]	
SW8260C	mg/kg	10061-01-5	cis-1,3-Dichloropropene	NA	NA	ND [0.0053]	ND [0.0044]	ND [0.0046]	ND [0.0044] QN	ND [0.0062]	ND [0.0050]	
SW8260C	mg/kg	98-82-8	Cumene	5.6	5.4	ND [0.0026]	ND [0.0022]	ND [0.0023]	ND [0.0022] QN	ND [0.0031]	ND [0.0025]	
SW8260C	mg/kg	110-82-7	Cyclohexane	77	7.7	ND [0.018]	ND [0.015]	ND [0.015]	ND [0.015] QN	ND [0.021]	ND [0.017]	
SW8260C	mg/kg	74-95-3	Dibromomethane	0.025	3.1	ND [0.0053]	ND [0.0044]	ND [0.0046]	ND [0.0044] QN	ND [0.0062]	ND [0.0050]	
SW8260C	mg/kg	75-71-8	Dichlorodifluoromethane (Freon 12)	3.9	15	ND [0.011]	ND [0.0088]	ND [0.0091]	ND [0.0087] QN	ND [0.012]	ND [0.01]	
SW8260C	mg/kg	100-41-4	Ethylbenzene	0.13	4.9	ND [0.0053]	ND [0.0044]	ND [0.0046]	ND [0.0044] QN	ND [0.0062]	ND [0.0050]	
SW8260C	mg/kg	87-68-3	Hexachlorobutadiene	0.02	0.33	--	--	--	--	--	--	
SW8260C	mg/kg	75-09-2	Methylene chloride	0.33	46	ND [0.0053]	ND [0.0044]	ND [0.0046]	ND [0.0044] QN	ND [0.0062]	ND [0.0050]	
SW8260C	mg/kg	1634-04-4	Methyl-tert-butyl ether (MTBE)	0.4	67	ND [0.0026]	ND [0.0022]	ND [0.0023]	ND [0.0022] QN	ND [0.0031] QL	ND [0.0025]	
SW8260C	mg/kg	179601-23-1	m-Xylene & p-Xylene	NA	NA	ND [0.0053]	ND [0.0044]	ND [0.0046]	ND [0.0044] QN	ND [0.0062]	ND [0.0050]	
SW8260C	mg/kg	91-20-3	Naphthalene	0.038	2.9	--	--	--	--	--	--	
SW8260C	mg/kg	104-51-8	n-Butylbenzene	20	2	ND [0.0026]	ND [0.0022]	ND [0.0023]	ND [0.0022] QN	ND [0.0031]	ND [0.0025]	
SW8260C	mg/kg	103-65-1	n-Propylbenzene	9.1	5.2	ND [0.0053]	ND [0.0044]	ND [0.0046]	ND [0.0044] QN	ND [0.0062]	ND [0.0050]	
SW8260C	mg/kg	95-47-6	o-Xylene	NA	NA	ND [0.0053]	ND [0.0044]	ND [0.0046]	ND [0.0044] QN	ND [0.0062]	ND [0.0050]	
SW8260C	mg/kg	135-98-8	sec-Butylbenzene	28	2.8	ND [0.0026]	ND [0.0022]	ND [0.0023]	ND [0.0022] QN	ND [0.0031]	ND [0.0025]	
SW8260C	mg/kg	100-42-5	Styrene	10	18	ND [0.0026]	ND [0.0022]	ND [0.0023]	ND [0.0022] QN	ND [0.0031]	ND [0.0025]	
SW8260C	mg/kg	98-06-6	tert-Butylbenzene	11	3.6	ND [0.0053]	ND [0.0044]	ND [0.0046]	ND [0.0044] QN	ND [0.0062]	ND [0.0050]	
SW8260C	mg/kg	127-18-4	Tetrachloroethene (PCE)	0.19	6.8	ND [0.0053]	ND [0.0044]	ND [0.0046]	ND [0.0044] QN	ND [0.0062]	ND [0.0050]	
SW8260C	mg/kg	108-88-3	Toluene	6.7	20	0.0040 [0.0053] J	0.0023 [0.0044] J	0.0060 [0.0046] J	0.0056 [0.0044] J, QN	ND [0.0062]	ND [0.0050]	
SW8260C	mg/kg	10061-02-6	trans-1,3-Dichloropropene	NA	NA	ND [0.0026]	ND [0.0022]	ND [0.0023]	ND [0.0022] QN	ND [0.0031]	ND [0.0025]	
SW8260C	mg/kg	75-69-4	Trichlorofluoromethane (Freon 11)	41	98	ND [0.011]	ND [0.0088]	ND [0.0091]	ND [0.0087] QN	ND [0.012]	ND [0.01]	
SW8260C	mg/kg	1330-20-7	Xylenes	1.5	5.7	ND [0.0106]	ND [0.0088]	ND [0.0092]	ND [0.0088]	ND [0.0124]	ND [0.01]	
SW8260C SIM	mg/kg	79-34-5	1,1,2,2-Tetrachloroethane	0.003	0.61	ND [0.00070]	ND [0.00059]	ND [0.00061]	ND [0.00058] QN	ND [0.00083]	ND [0.00067]	
SW8260C SIM	mg/kg	79-00-5	1,1,2-Trichloroethane	0.0014	0.16	ND [0.00070]	ND [0.00059]	ND [0.00061]	ND [0.00058] QN	ND [0.00083]	ND [0.00067]	
SW8260C SIM	mg/kg	107-06-2	1,2-Dichloroethane	0.0055	0.55	ND [0.00035]	ND [0.00029]	ND [0.00030]	ND [0.00029] QN	ND [0.00042]	ND [0.00034]	
SW8260C SIM	mg/kg	75-27-4	Bromodichloromethane	0.0043	0.36	ND [0.00035]	ND [0.00029]	ND [0.00030]	ND [0.00029] QN	ND [0.00042]	ND [0.00034]	
SW8260C SIM	mg/kg	74-83-9	Bromomethane	0.024	1	ND [0.0014]	ND [0.0012]	ND [0.0012]	ND [0.0012] QN	ND [0.0017]	ND [0.0013]	
SW8260C SIM	mg/kg	67-66-3	Chloroform	0.0071	0.40	ND [0.0014]	ND [0.0012]	ND [0.0012]	ND [0.0012] QN	ND [0.0017]	ND [0.0013]	
SW8260C SIM	mg/kg	124-48-1	Dibromochloromethane	0.0027	11	ND [0.00035]	ND [0.00029]	ND [0.00030]	ND [0.00029] QN	ND [0.00042]	ND [0.00034]	
SW8260C SIM	mg/kg	79-01-6	Trichloroethene (TCE)	0.011	0.49	ND [0.00035]	ND [0.00029]	ND [0.00030]	ND [0.00029] QN	ND [0.00042]	ND [0.00034]	

						Sample ID	18-NLF-SB-06-S01	18-NLF-SB-06-S02	18-NLF-SB-07-S01	18-NLF-SB-07-S02	18-NLF-SB-08-S01	18-NLF-SB-08-S02
						Location ID	MW-06	MW-06	MW-07	MW-07	MW-08	MW-08
						Sample Date/Time	7/19/18 14:45	7/20/18 15:10	7/21/18 11:30	7/21/18 11:35	7/22/18 17:55	7/22/18 18:00
						Sample Delivery Group	320414141	320414141	320414141	320414141	320414631	320414631
						Matrix	Soil	Soil	Soil	Soil	Soil	Soil
						Sample Type	Primary	Primary	Primary	Primary	Primary	Primary
						Parent Sample						
Method	Units	CAS ID	Analyte	PAL[1]	CRSL[2]							
SW8260C SIM	mg/kg	75-01-4	Vinyl Chloride	0.0008	0.065	ND [0.00070]	ND [0.00059]	ND [0.00061]	ND [0.00058] QN	**ND [0.00083]**	ND [0.00067]
SW8270D	mg/kg	120-82-1	1,2,4-Trichlorobenzene	0.082	4.5	--	--	--	--	ND [0.0028]	--
SW8270D	mg/kg	95-50-1	1,2-Dichlorobenzene	2.4	7.8	--	--	--	--	ND [0.0028]	--
SW8270D	mg/kg	541-73-1	1,3-Dichlorobenzene	2.3	6.2	--	--	--	--	ND [0.0028]	--
SW8270D	mg/kg	106-46-7	1,4-Dichlorobenzene	0.037	2.1	--	--	--	--	ND [0.0028]	--
SW8270D	mg/kg	95-95-4	2,4,5-Trichlorophenol	28	820	ND [0.027]	ND [0.029]	ND [0.027]	ND [0.028]	ND [0.028]	ND [0.028]
SW8270D	mg/kg	88-06-2	2,4,6-Trichlorophenol	0.092	8.2	ND [0.0027]	ND [0.0029]	ND [0.0027]	ND [0.0028]	ND [0.0028]	ND [0.0028]
SW8270D	mg/kg	120-83-2	2,4-Dichlorophenol	0.21	25	ND [0.0027]	ND [0.0029]	ND [0.0027]	ND [0.0028]	ND [0.0028]	ND [0.0028]
SW8270D	mg/kg	105-67-9	2,4-Dimethylphenol	3.2	160	ND [0.0055]	ND [0.0058]	ND [0.0055]	ND [0.0057]	ND [0.0055]	ND [0.0057]
SW8270D	mg/kg	51-28-5	2,4-Dinitrophenol	0.34	16	ND [0.22]	ND [0.23]	ND [0.22]	ND [0.23]	ND [0.22]	ND [0.23]
SW8270D	mg/kg	121-14-2	2,4-Dinitrotoluene	0.024	2.3	ND [0.0027]	ND [0.0029]	ND [0.0027]	ND [0.0028]	ND [0.0028]	ND [0.0028]
SW8270D	mg/kg	606-20-2	2,6-Dinitrotoluene	0.005	0.47	ND [0.0027]	ND [0.0029]	ND [0.0027]	ND [0.0028]	ND [0.0028]	ND [0.0028]
SW8270D	mg/kg	95-57-8	2-Chlorophenol	0.71	51	ND [0.0027]	ND [0.0029]	ND [0.0027]	ND [0.0028]	ND [0.0028]	ND [0.0028]
SW8270D	mg/kg	91-57-6	2-Methylnaphthalene	1.3	31	--	--	--	--	--	--
SW8270D	mg/kg	88-75-5	2-Nitrophenol	NA	NA	ND [0.0027]	ND [0.0029]	ND [0.0027]	ND [0.0028]	ND [0.0028]	ND [0.0028]
SW8270D	mg/kg	15831-10-4	3 & 4 METHYLPHENOL	NA	NA	ND [0.0027]	ND [0.0029]	ND [0.0027]	ND [0.0028]	ND [0.0028]	ND [0.0028]
SW8270D	mg/kg	91-94-1	3,3'-Dichlorobenzidine	0.056	1.6	ND [0.055]	**ND [0.058]**	ND [0.055]	**ND [0.057]**	ND [0.055]	**ND [0.057]**
SW8270D	mg/kg	99-09-2	3-Nitroaniline	NA	NA	ND [0.027]	ND [0.029]	ND [0.027]	ND [0.028]	ND [0.028]	ND [0.028]
SW8270D	mg/kg	101-55-3	4-Bromophenyl-phenylether	NA	NA	ND [0.027]	ND [0.029]	ND [0.027]	ND [0.028]	ND [0.028]	ND [0.028]
SW8270D	mg/kg	7005-72-3	4-Chlorophenyl-phenylether	NA	NA	ND [0.0027]	ND [0.0029]	ND [0.0027]	ND [0.0028]	ND [0.0028]	ND [0.0028]
SW8270D	mg/kg	100-02-7	4-Nitrophenol	NA	NA	ND [0.055]	ND [0.058]	ND [0.055]	ND [0.057]	ND [0.055]	ND [0.057]
SW8270D	mg/kg	120-12-7	Anthracene	390	2300	--	--	--	--	--	--
SW8270D	mg/kg	56-55-3	Benz[a]anthracene	0.7	1.4	--	--	--	--	--	--
SW8270D	mg/kg	50-32-8	Benzo(a)pyrene	1.5	0.15	--	--	--	--	--	--
SW8270D	mg/kg	205-99-2	Benzo(b)fluoranthene	15	1.5	--	--	--	--	--	--
SW8270D	mg/kg	207-08-9	Benzo(k)fluoranthene	150	15	--	--	--	--	--	--
SW8270D	mg/kg	100-51-6	Benzyl Alcohol	5.7	820	ND [0.055]	ND [0.058]	ND [0.055]	ND [0.057]	ND [0.055]	ND [0.057]
SW8270D	mg/kg	91-58-7	Beta-Chloronaphthalene	26	620	ND [0.0027]	ND [0.0029]	ND [0.0027]	ND [0.0028]	ND [0.0028]	ND [0.0028]
SW8270D	mg/kg	108-60-1	Bis(2-chloro-1-methylethyl) ether	NA	NA	ND [0.0055]	ND [0.0058]	ND [0.0055]	ND [0.0057]	ND [0.0055]	ND [0.0057]
SW8270D	mg/kg	111-91-1	Bis(2-chloroethoxy)methane	NA	NA	ND [0.0027]	ND [0.0029]	ND [0.0027]	ND [0.0028]	ND [0.0028]	ND [0.0028]
SW8270D	mg/kg	117-81-7	Bis(2-ethylhexyl)phthalate	88	50	0.062 [0.055] B, J	0.057 [0.058] B, J	0.063 [0.055] B, J	0.058 [0.057] B, J	0.024 [0.055] B, J	ND [0.057]
SW8270D	mg/kg	85-68-7	Butyl Benzyl Phthalate	16	370	ND [0.027]	ND [0.029]	ND [0.027]	ND [0.028]	ND [0.028]	ND [0.028]
SW8270D	mg/kg	86-74-8	Carbazole	NA	NA	ND [0.0027]	ND [0.0029]	ND [0.0027]	ND [0.0028]	ND [0.0028]	ND [0.0028]
SW8270D	mg/kg	218-01-9	Chrysene	600	150	--	--	--	--	--	--
SW8270D	mg/kg	59-50-7	Cresol, p-chloro-m-	NA	NA	ND [0.0027]	ND [0.0029]	ND [0.0027]	ND [0.0028]	ND [0.0028]	ND [0.0028]
SW8270D	mg/kg	132-64-9	Dibenzofuran	0.97	9.5	ND [0.0027]	ND [0.0029]	ND [0.0027]	ND [0.0028]	ND [0.0028]	ND [0.0028]
SW8270D	mg/kg	84-74-2	Dibutyl Phthalate	16	820	ND [0.027]	ND [0.029]	ND [0.027]	ND [0.028]	ND [0.028]	ND [0.028]
SW8270D	mg/kg	84-66-2	Diethyl Phthalate	60	6600	ND [0.0027]	ND [0.0029]	ND [0.0027]	ND [0.0028]	ND [0.0028]	ND [0.0028]
SW8270D	mg/kg	131-11-3	Dimethylphthalate	48	6600	ND [0.0027]	ND [0.0029]	ND [0.0027]	ND [0.0028]	ND [0.0028]	ND [0.0028]
SW8270D	mg/kg	534-52-1	Dinitro-o-cresol, 4,6-	NA	NA	ND [0.22]	ND [0.23]	ND [0.22]	ND [0.23]	ND [0.22]	ND [0.23]
SW8270D	mg/kg	117-84-0	di-N-Octyl Phthalate	370	82	ND [0.0055]	ND [0.0058]	ND [0.0055]	ND [0.0057]	ND [0.0055]	ND [0.0057]

						Sample ID	18-NLF-SB-06-S01	18-NLF-SB-06-S02	18-NLF-SB-07-S01	18-NLF-SB-07-S02	18-NLF-SB-08-S01	18-NLF-SB-08-S02
						Location ID	MW-06	MW-06	MW-07	MW-07	MW-08	MW-08
						Sample Date/Time	7/19/18 14:45	7/20/18 15:10	7/21/18 11:30	7/21/18 11:35	7/22/18 17:55	7/22/18 18:00
						Sample Delivery Group	320414141	320414141	320414141	320414141	320414631	320414631
						Matrix	Soil	Soil	Soil	Soil	Soil	Soil
						Sample Type	Primary	Primary	Primary	Primary	Primary	Primary
						Parent Sample						
Method	Units	CAS ID	Analyte	PAL[1]	CRSL[2]							
SW8270D	mg/kg	206-44-0	Fluoranthene	590	310	--	--	--	--	--	--
SW8270D	mg/kg	87-68-3	Hexachlorobutadiene	0.02	0.33	ND [0.0027]	ND [0.0029]	ND [0.0027]	ND [0.0028]	ND [0.0028]	ND [0.0028]
SW8270D	mg/kg	67-72-1	Hexachloroethane	0.018	1.7	ND [0.0027]	ND [0.0029]	ND [0.0027]	ND [0.0028]	ND [0.0028]	ND [0.0028]
SW8270D	mg/kg	193-39-5	Indeno(1,2,3-cd)pyrene	15	1.5	--	--	--	--	--	--
SW8270D	mg/kg	78-59-1	Isophorone	2.7	740	ND [0.0027]	ND [0.0029]	ND [0.0027]	ND [0.0028]	ND [0.0028]	ND [0.0028]
SW8270D	mg/kg	88-74-4	Nitroaniline, 2-	NA	NA	ND [0.0027]	ND [0.0029]	ND [0.0027]	ND [0.0028]	ND [0.0028]	ND [0.0028]
SW8270D	mg/kg	100-01-6	Nitroaniline, 4-	NA	NA	ND [0.0027]	ND [0.0029] QL	ND [0.0027]	ND [0.0028]	ND [0.0028]	ND [0.0028]
SW8270D	mg/kg	98-95-3	Nitrobenzene	0.0079	4.3	ND [0.0027]	ND [0.0029]	ND [0.0027]	ND [0.0028]	ND [0.0028]	ND [0.0028]
SW8270D	mg/kg	62-75-9	N-Nitrosodimethylamine	0.0000033	0.0026	**ND [0.027]**	**ND [0.029]**	**ND [0.027]**	**ND [0.028]**	**ND [0.028]**	**ND [0.028]**
SW8270D	mg/kg	86-30-6	N-Nitrosodiphenylamine	4.6	140	ND [0.0055]	ND [0.0058]	ND [0.0055]	ND [0.0057]	ND [0.0055]	ND [0.0057]
SW8270D	mg/kg	95-48-7	o-Cresol	6.2	410	ND [0.0027]	ND [0.0029]	ND [0.0027]	ND [0.0028]	ND [0.0028]	ND [0.0028]
SW8270D	mg/kg	106-47-8	p-Chloroaniline	0.015	3.5	**ND [0.027]**	**ND [0.029]**	**ND [0.027]**	**ND [0.028]**	**ND [0.028]**	**ND [0.028]**
SW8270D	mg/kg	85-01-8	Phenanthrene	39	230	--	--	--	--	--	--
SW8270D	mg/kg	108-95-2	Phenol	29	2500	ND [0.027]	ND [0.029]	ND [0.027]	ND [0.028]	ND [0.028]	ND [0.028]
SW8270D	mg/kg	129-00-0	Pyrene	87	230	--	--	--	--	--	--
SW8270D SIM	mg/kg	90-12-0	1-Methylnaphthalene	0.41	6.8	0.00053 [0.0011] J	ND [0.0012]	ND [0.0011]	ND [0.0012]	ND [0.0011]	ND [0.0011]
SW8270D SIM	mg/kg	91-57-6	2-Methylnaphthalene	1.3	31	0.00052 [0.0011] J	ND [0.0012]	ND [0.0011]	ND [0.0012]	ND [0.0011]	ND [0.0011]
SW8270D SIM	mg/kg	83-32-9	Acenaphthene	37	460	ND [0.0011]	ND [0.0012]	ND [0.0011]	ND [0.0012]	ND [0.0011]	ND [0.0011]
SW8270D SIM	mg/kg	208-96-8	Acenaphthylene	18	230	ND [0.0011]	ND [0.0012]	ND [0.0011]	ND [0.0012]	ND [0.0011]	ND [0.0011]
SW8270D SIM	mg/kg	120-12-7	Anthracene	390	2300	ND [0.0011]	ND [0.0012]	ND [0.0011]	ND [0.0012]	ND [0.0011]	ND [0.0011]
SW8270D SIM	mg/kg	56-55-3	Benz[a]anthracene	0.7	1.4	0.00042 [0.0011] J	0.00042 [0.0012] J	ND [0.0011]	ND [0.0012]	ND [0.0011]	ND [0.0011]
SW8270D SIM	mg/kg	50-32-8	Benzo(a)pyrene	1.5	0.15	ND [0.0011]	ND [0.0012]	ND [0.0011]	ND [0.0012]	ND [0.0011]	ND [0.0011]
SW8270D SIM	mg/kg	205-99-2	Benzo(b)fluoranthene	15	1.5	0.00092 [0.0022] J	0.0013 [0.0024] J	ND [0.0023]	ND [0.0023]	ND [0.0021]	0.00080 [0.0021] J
SW8270D SIM	mg/kg	207-08-9	Benzo(k)fluoranthene	150	15	ND [0.0022]	ND [0.0024]	ND [0.0023]	ND [0.0023]	ND [0.0021]	ND [0.0021]
SW8270D SIM	mg/kg	191-24-2	Benzo[g,h,i]perylene	2300	230	ND [0.0033]	ND [0.0036]	ND [0.0034]	ND [0.0035]	ND [0.0032]	ND [0.0032]
SW8270D SIM	mg/kg	111-44-4	Bis(2-chloroethyl)ether	0.00042	0.28	**ND [0.0027]**	**ND [0.0026]**	**ND [0.0026]**	**ND [0.0027]**	**ND [0.0026]**	**ND [0.0029]**
SW8270D SIM	mg/kg	218-01-9	Chrysene	600	150	0.0020 [0.0011] J	0.0014 [0.0012] J	0.00049 [0.0011] J	0.00051 [0.0012] J	0.0011 [0.0011] J	0.0013 [0.0011] J
SW8270D SIM	mg/kg	53-70-3	Dibenz[a,h]anthracene	1.5	0.15	ND [0.0033]	ND [0.0036]	ND [0.0034]	ND [0.0035]	ND [0.0032]	ND [0.0032]
SW8270D SIM	mg/kg	206-44-0	Fluoranthene	590	310	ND [0.0011]	0.00079 [0.0012] J	ND [0.0011]	ND [0.0012]	ND [0.0011]	0.0015 [0.0011] J
SW8270D SIM	mg/kg	86-73-7	Fluorene	36	310	ND [0.0011]	ND [0.0012]	ND [0.0011]	ND [0.0012]	ND [0.0011]	ND [0.0011]
SW8270D SIM	mg/kg	118-74-1	Hexachlorobenzene	0.0082	0.20	ND [0.0027]	ND [0.0026]	ND [0.0026]	ND [0.0027]	ND [0.0026]	ND [0.0029]
SW8270D SIM	mg/kg	77-47-4	Hexachlorocyclopentadiene	0.0093	0.14	0.0011 [0.0014] J	ND [0.0013]	ND [0.0013]	ND [0.0013]	ND [0.0013] QL	ND [0.0015] QL
SW8270D SIM	mg/kg	193-39-5	Indeno(1,2,3-cd)pyrene	15	1.5	ND [0.0011]	ND [0.0012]	ND [0.0011]	ND [0.0012]	ND [0.0011]	ND [0.0011]
SW8270D SIM	mg/kg	91-20-3	Naphthalene	0.038	2.9	0.00064 [0.0011] J	0.00070 [0.0012] J	0.00047 [0.0011] J	0.00056 [0.0012] J	0.00077 [0.0011] J	ND [0.0011]
SW8270D SIM	mg/kg	621-64-7	N-Nitroso-di-N-propylamine	0.00068	0.100	**0.0012 [0.0027] J**	**ND [0.0026]**	**ND [0.0026]**	**ND [0.0027]**	**ND [0.0026]**	**ND [0.0029]**
SW8270D SIM	mg/kg	87-86-5	Pentachlorophenol	0.0043	1.3	**0.0049 [0.0055] B, J**	0.0029 [0.0052] B, J	0.0021 [0.0053] B, J	0.0025 [0.0054] B, J, QN	**ND [0.0052]**	**ND [0.0059]**
SW8270D SIM	mg/kg	85-01-8	Phenanthrene	39	230	0.0032 [0.0011] J	0.0022 [0.0012] J	0.00080 [0.0011] J	0.0012 [0.0012] J	0.0032 [0.0011] J	0.0020 [0.0011] J
SW8270D SIM	mg/kg	129-00-0	Pyrene	87	230	0.00045 [0.0011] J	0.00061 [0.0012] J	ND [0.0011]	ND [0.0012]	ND [0.0011]	0.0014 [0.0011] J

						Sample ID	18-NLF-SB-09-S01	18-NLF-SB-09-S02	18-NLF-SB-10-S01	18-NLF-SB-10-S02	18-NLF-TP-08-S01	18-NLF-TP-08-S02
						Location ID	MW-09	MW-09	MW-10	MW-10	TP-08	TP-08
						Sample Date/Time	7/22/18 10:10	7/22/18 10:15	7/23/18 16:00	7/23/18 15:55	7/21/18 10:40	7/21/18 10:45
						Sample Delivery Group	320414141	320414141	320414631	320414631	320414141	320414141
						Matrix	Soil	Soil	Soil	Soil	Soil	Soil
						Sample Type	Primary	Primary	Primary	Primary	Primary	Primary
						Parent Sample						
Method	Units	CAS ID	Analyte	PAL[1]	CRSL[2]							
AK101	mg/kg	GRO	Gas Range Organics	300	NA		ND [0.87] QN	ND [0.56]	0.58 [0.46] B, J, QN	0.48 [0.80] B, J	ND [1.0] QN	0.42 [0.71] B, J, QN
AK102	mg/kg	DRO	Diesel Range Organics	250	NA		0.69 [1.1] J	1.6 [1.1] J	1.0 [1.1] B, J	1.4 [1.1] B, J	2.3 [1.1]	1.0 [1.1] J
AK103	mg/kg	RRO	Residual Range Organics	10000	NA		ND [11]	6.3 [11] J	4.8 [11] J	7.6 [11] J	11 [11] J	5.9 [11] J
SW6020A	mg/kg	7440-38-2	Arsenic	0.2	0.88		**4.3 [0.16]**	**3.2 [0.12]**	**3.1 [0.16]**	**2.9 [0.20]**	**4.3 [0.14]**	**3.6 [0.13]**
SW6020A	mg/kg	7440-39-3	Barium	2100	2000		54 [0.16]	50 [0.12]	39 [0.16]	46 [0.20]	77 [0.14]	73 [0.13]
SW6020A	mg/kg	7440-43-9	Cadmium	9.1	9.2		0.15 [0.079] J	0.094 [0.060] J	0.086 [0.081] J	0.068 [0.098] J	0.12 [0.071] J	0.10 [0.064] J
SW6020A	mg/kg	7440-47-3	Chromium	100000	10000		11 [0.099]	9.7 [0.076]	11 [0.10]	8.0 [0.12]	11 [0.089]	9.9 [0.079]
SW6020A	mg/kg	7439-92-1	Lead	400	40		2.4 [0.075]	2.1 [0.057]	2.0 [0.077]	2.1 [0.093]	5.1 [0.067]	2.6 [0.060]
SW6020A	mg/kg	7440-02-0	Nickel	340	200		11 [0.20]	8.7 [0.15]	9.6 [0.20]	9.3 [0.24]	11 [0.18]	9.8 [0.16]
SW6020A	mg/kg	7782-49-2	Selenium	6.9	51		0.71 [0.40]	0.63 [0.30]	2.8 [0.40]	2.7 [0.49]	0.78 [0.36]	0.78 [0.32]
SW6020A	mg/kg	7440-22-4	Silver	11	51		0.018 [0.020] J	0.016 [0.015] J	0.021 [0.020] J	0.016 [0.024] J	0.025 [0.018] J	0.017 [0.016] J
SW6020A	mg/kg	7440-62-2	Vanadium	510	51		64 [0.40]	52 [0.30]	51 [0.40]	44 [0.49]	63 [0.36]	66 [0.32]
SW7471B	mg/kg	7439-97-6	Mercury	0.36	0.31		ND [0.027]	0.014 [0.024] J	0.017 [0.025] J	0.019 [0.027] J	0.019 [0.027] J	0.012 [0.027] J
SW8011	mg/kg	96-18-4	1,2,3-Trichloropropane	0.000031	0.0066		**ND [0.0016] H**	**ND [0.0017] H**	**ND [0.0016] H, QL**	**ND [0.0016] H, QL**	**ND [0.00018] QL**	**ND [0.00016]**
SW8011	mg/kg	106-93-4	1,2-Dibromoethane	0.00024	0.042		**ND [0.00041] H**	**ND [0.00044] H**	**ND [0.00040] H**	**ND [0.00041] H**	ND [0.000044] QL	ND [0.000041] QL
SW8081B	mg/kg	309-00-2	Aldrin	0.0099	0.049		ND [0.00052]	ND [0.00058]	ND [0.00051]	ND [0.00059]	ND [0.0011]	ND [0.00054]
SW8081B	mg/kg	319-84-6	Alpha-Hexachlorocyclohexane	0.0029	0.11		ND [0.00052]	ND [0.00058]	ND [0.00051]	ND [0.00059]	ND [0.0011]	ND [0.00054]
SW8081B	mg/kg	319-85-7	Beta-Hexachlorocyclohexane	0.01	0.39		ND [0.00052]	ND [0.00058]	ND [0.00051]	ND [0.00059]	ND [0.0011]	ND [0.00054]
SW8081B	mg/kg	12789-03-6	Chlordane	0.18	2.2		ND [0.021]	ND [0.023]	ND [0.02]	ND [0.024]	ND [0.044]	ND [0.021]
SW8081B	mg/kg	5103-71-9	CIS-CHLORDANE	NA	NA		ND [0.00052]	ND [0.00058]	ND [0.00051]	ND [0.00059]	ND [0.0011]	ND [0.00054]
SW8081B	mg/kg	72-54-8	DDD	0.098	0.25		ND [0.00052]	ND [0.00058]	ND [0.00051]	ND [0.00059]	ND [0.0011]	ND [0.00054]
SW8081B	mg/kg	50-29-3	DDT	5.1	2.4		ND [0.0010] QL	ND [0.0012] QL	ND [0.0010]	ND [0.0012]	ND [0.0022]	ND [0.0011]
SW8081B	mg/kg	319-86-8	DELTA-BHC	NA	NA		0.00034 [0.00052] J	ND [0.00058]	ND [0.00051]	ND [0.00059]	ND [0.0011]	ND [0.00054]
SW8081B	mg/kg	60-57-1	Dieldrin	0.0047	0.044		ND [0.00052]	ND [0.00058]	ND [0.00051]	ND [0.00059]	ND [0.0011]	ND [0.00054]
SW8081B	mg/kg	115-29-7	Endosulfan (I + II)	9.3	61		ND [0.00104]	ND [0.00116]	ND [0.00102]	ND [0.00118]	ND [0.0022]	ND [0.00108]
SW8081B	mg/kg	959-98-8	ENDOSULFAN I	NA	NA		ND [0.00052]	ND [0.00058]	ND [0.00051]	ND [0.00059]	ND [0.0011]	ND [0.00054]
SW8081B	mg/kg	33213-65-9	ENDOSULFAN II	NA	NA		ND [0.00052]	ND [0.00058]	ND [0.00051]	ND [0.00059]	ND [0.0011]	ND [0.00054]
SW8081B	mg/kg	1031-07-8	ENDOSULFAN SULFATE	NA	NA		ND [0.0010]	ND [0.0012]	ND [0.0010]	ND [0.0012]	ND [0.0022]	ND [0.0011]
SW8081B	mg/kg	72-20-8	Endrin	0.61	2.5		ND [0.00028]	ND [0.00031]	ND [0.00028]	ND [0.00032]	ND [0.00060]	ND [0.00029]
SW8081B	mg/kg	7421-93-4	ENDRIN ALDEHYDE	NA	NA		ND [0.0010]	ND [0.0012]	ND [0.0010]	ND [0.0012]	ND [0.0022]	ND [0.0011]
SW8081B	mg/kg	53494-70-5	ENDRIN KETONE	NA	NA		ND [0.0010]	ND [0.0012]	ND [0.0010]	ND [0.0012]	ND [0.0022]	ND [0.0011]
SW8081B	mg/kg	58-89-9	Gamma- (Lindane)Hexachlorocyclohexane	0.016	0.74		ND [0.00052]	ND [0.00058]	ND [0.00051]	ND [0.00059]	ND [0.0011]	ND [0.00054]
SW8081B	mg/kg	76-44-8	Heptachlor	0.0076	0.16		ND [0.00052]	ND [0.00058]	ND [0.00051]	ND [0.00059]	ND [0.0011]	ND [0.00054]
SW8081B	mg/kg	1024-57-3	Heptachlor Epoxide	0.0019	0.086		ND [0.00028]	ND [0.00031]	ND [0.00028]	ND [0.00032]	ND [0.00060]	ND [0.00029]
SW8081B	mg/kg	72-43-5	Methoxychlor	13	41		ND [0.0031]	ND [0.0035]	ND [0.0031]	ND [0.0035]	ND [0.0066]	ND [0.0032]
SW8081B	mg/kg	72-55-9	p,p'-DDE	0.72	2.5		ND [0.00052]	ND [0.00058]	ND [0.00051]	ND [0.00059]	0.0017 [0.0011] J	ND [0.00054]
SW8081B	mg/kg	8001-35-2	Toxaphene	0.72	0.64		ND [0.052]	ND [0.058]	ND [0.051]	ND [0.059]	ND [0.11]	ND [0.054]
SW8081B	mg/kg	5103-74-2	TRANS-CHLORDANE	NA	NA		ND [0.00028]	ND [0.00031]	ND [0.00028]	ND [0.00032]	ND [0.00060]	ND [0.00029]
SW8082A	mg/kg	12674-11-2	Aroclor 1016	NA	NA		ND [0.01]	ND [0.012]	ND [0.01]	ND [0.012]	ND [0.022]	ND [0.011]
SW8082A	mg/kg	11104-28-2	Aroclor 1221	NA	NA		ND [0.015]	ND [0.017]	ND [0.015]	ND [0.018]	ND [0.033]	ND [0.016]
SW8082A	mg/kg	11141-16-5	Aroclor 1232	NA	NA		ND [0.021]	ND [0.023]	ND [0.02]	ND [0.024]	ND [0.044]	ND [0.021]

						Sample ID	18-NLF-SB-09-S01	18-NLF-SB-09-S02	18-NLF-SB-10-S01	18-NLF-SB-10-S02	18-NLF-TP-08-S01	18-NLF-TP-08-S02
						Location ID	MW-09	MW-09	MW-10	MW-10	TP-08	TP-08
						Sample Date/Time	7/22/18 10:10	7/22/18 10:15	7/23/18 16:00	7/23/18 15:55	7/21/18 10:40	7/21/18 10:45
						Sample Delivery Group	320414141	320414141	320414631	320414631	320414141	320414141
						Matrix	Soil	Soil	Soil	Soil	Soil	Soil
						Sample Type	Primary	Primary	Primary	Primary	Primary	Primary
						Parent Sample						
Method	Units	CAS ID	Analyte	PAL[1]	CRSL[2]							
SW8082A	mg/kg	53469-21-9	Aroclor 1242	NA	NA	ND [0.021]	ND [0.023]	ND [0.02]	ND [0.024]	ND [0.044]	ND [0.021]	
SW8082A	mg/kg	12672-29-6	Aroclor 1248	NA	NA	ND [0.015]	ND [0.017]	ND [0.015]	ND [0.018]	ND [0.033]	ND [0.016]	
SW8082A	mg/kg	11097-69-1	Aroclor 1254	NA	NA	ND [0.01]	ND [0.012]	ND [0.01]	ND [0.012]	ND [0.022]	ND [0.011]	
SW8082A	mg/kg	11096-82-5	Aroclor 1260	NA	NA	ND [0.01]	ND [0.012]	ND [0.01]	0.0051 [0.012] J	0.14 [0.022]	ND [0.011]	
SW8082A	mg/kg	PCBS	PCBS	1	NA	ND	ND	ND	0.0051 [0.12]	0.14 [0.22]	ND	
SW8151A	mg/kg	93-76-5	2,4,5-Trichlorophenoxyacetic Acid	0.66	82	ND [0.084]	ND [0.085]	ND [0.083]	ND [0.088]	ND [0.085]	ND [0.085]	
SW8151A	mg/kg	94-75-7	2,4-Dichlorophenoxy Acetic Acid	0.53	91	ND [0.084]	ND [0.085]	ND [0.083]	ND [0.088]	ND [0.085]	ND [0.085]	
SW8151A	mg/kg	100-02-7	4-Nitrophenol	NA	NA	--	--	--	--	--	--	
SW8151A	mg/kg	94-82-6	Butanoic acid, 4-(2,4-dichlorophenoxy)-	NA	NA	ND [0.084]	ND [0.085]	ND [0.083]	ND [0.088]	ND [0.085]	ND [0.085]	
SW8151A	mg/kg	75-99-0	Dalapon	NA	NA	ND [0.13]	ND [0.13]	ND [0.12]	ND [0.13]	ND [0.13]	ND [0.13]	
SW8151A	mg/kg	1918-00-9	Dicamba	NA	NA	ND [0.084]	ND [0.085]	ND [0.083]	ND [0.088]	ND [0.085]	ND [0.085]	
SW8151A	mg/kg	120-36-5	Dichlorprop	NA	NA	ND [0.084]	ND [0.085]	ND [0.083]	ND [0.088]	ND [0.085]	ND [0.085]	
SW8151A	mg/kg	88-85-7	Dinoseb	NA	NA	ND [0.13]	ND [0.13]	ND [0.12]	ND [0.13]	ND [0.13]	ND [0.13]	
SW8151A	mg/kg	94-74-6	MCPA	NA	NA	ND [0.084]	ND [0.085]	ND [0.083]	ND [0.088]	ND [0.085]	ND [0.085]	
SW8151A	mg/kg	93-65-2	MCPP	NA	NA	ND [0.084]	ND [0.085]	ND [0.083]	ND [0.088]	ND [0.085]	ND [0.085]	
SW8151A	mg/kg	87-86-5	Pentachlorophenol	0.0043	1.3	--	--	--	--	--	--	
SW8151A	mg/kg	93-72-1	Trichlorophenoxypropionic acid, -2,4,5	0.55	66	ND [0.084]	ND [0.085]	ND [0.083]	ND [0.088]	ND [0.085]	ND [0.085]	
SW8260C	mg/kg	630-20-6	1,1,1,2-Tetrachloroethane	0.022	2.1	ND [0.0065] QN	ND [0.0042]	ND [0.0035] QN	ND [0.0060]	ND [0.0078] QN	ND [0.0054] QN	
SW8260C	mg/kg	71-55-6	1,1,1-Trichloroethane	32	36	ND [0.0033] QN	ND [0.0021]	ND [0.0017] QN	ND [0.0030]	ND [0.0039] QN	ND [0.0027] QN	
SW8260C	mg/kg	75-34-3	1,1-Dichloroethane	0.092	4.6	ND [0.0033] QN	ND [0.0021]	ND [0.0017] QN	ND [0.0030]	ND [0.0039] QN	ND [0.0027] QN	
SW8260C	mg/kg	75-35-4	1,1-Dichloroethene	1.2	33	ND [0.0065] QN	ND [0.0042]	ND [0.0035] QN	ND [0.0060]	ND [0.0078] QN	ND [0.0054] QN	
SW8260C	mg/kg	563-58-6	1,1-Dichloropropene	NA	NA	ND [0.0065] QN	ND [0.0042]	ND [0.0035] QN	ND [0.0060]	ND [0.0078] QN	ND [0.0054] QN	
SW8260C	mg/kg	87-61-6	1,2,3-Trichlorobenzene	0.15	8.1	ND [0.0065] QN	ND [0.0042]	ND [0.0035] QN	ND [0.0060]	ND [0.0078] QN	ND [0.0054] QN	
SW8260C	mg/kg	96-18-4	1,2,3-Trichloropropane	0.000031	0.0066	**ND [0.0065] QN**	**ND [0.0042]**	**ND [0.0035] QN**	**ND [0.0060]**	**ND [0.0078] QN**	**ND [0.0054]**	
SW8260C	mg/kg	120-82-1	1,2,4-Trichlorobenzene	0.082	4.5	--	ND [0.0021]	ND [0.0017] QN	--	--	--	
SW8260C	mg/kg	95-63-6	1,2,4-Trimethylbenzene	0.61	4.3	ND [0.0033] QN	ND [0.0021]	ND [0.0017] QN	ND [0.0030]	ND [0.0039] QN	ND [0.0027] QN	
SW8260C	mg/kg	156-59-2	1,2-cis-Dichloroethylene	0.12	20	ND [0.013] QN	ND [0.0084]	ND [0.0069] QN	ND [0.012]	ND [0.016] QN	ND [0.011] QN	
SW8260C	mg/kg	96-12-8	1,2-Dibromo-3-chloropropane	NA	NA	ND [0.013] QN	ND [0.0084]	ND [0.0069] QN	ND [0.012]	ND [0.016] QN	ND [0.011] QN	
SW8260C	mg/kg	95-50-1	1,2-Dichlorobenzene	2.4	7.8	--	ND [0.0021]	ND [0.0017] QN	--	--	ND [0.0027] QN	
SW8260C	mg/kg	78-87-5	1,2-Dichloropropane	0.03	1.7	ND [0.0065] QN	ND [0.0042]	ND [0.0035] QN	ND [0.0060]	ND [0.0078] QN	ND [0.0054] QN	
SW8260C	mg/kg	156-60-5	1,2-trans-Dichloroethylene	1.3	96	ND [0.0065] QN	ND [0.0042]	ND [0.0035] QN	ND [0.0060]	ND [0.0078] QN	ND [0.0054] QN	
SW8260C	mg/kg	108-67-8	1,3,5-Trimethylbenzene	0.66	3.7	ND [0.0033] QN	ND [0.0021]	ND [0.0017] QN	ND [0.0030]	ND [0.0039] QN	ND [0.0027] QN	
SW8260C	mg/kg	541-73-1	1,3-Dichlorobenzene	2.3	6.2	--	ND [0.0021]	ND [0.0017] QN	--	--	--	
SW8260C	mg/kg	142-28-9	1,3-Dichloropropane	NA	NA	ND [0.0033] QN	ND [0.0021]	ND [0.0017] QN	ND [0.0030]	ND [0.0039] QN	ND [0.0027] QN	
SW8260C	mg/kg	106-46-7	1,4-Dichlorobenzene	0.037	2.1	--	ND [0.0021]	ND [0.0017] QN	--	--	ND [0.0027] QN	
SW8260C	mg/kg	594-20-7	2,2-Dichloropropane	NA	NA	ND [0.0065] QN	ND [0.0042]	ND [0.0035] QN	ND [0.0060]	ND [0.0078] QN	ND [0.0054] QN	
SW8260C	mg/kg	78-93-3	2-Butanone	15	2300	ND [0.033] QN	ND [0.021]	ND [0.017] QN	ND [0.03]	ND [0.039] QN	ND [0.027] QN	
SW8260C	mg/kg	95-49-8	2-Chlorotoluene	NA	NA	ND [0.0033] QN	ND [0.0021]	ND [0.0017] QN	ND [0.0030]	ND [0.0039] QN	ND [0.0027] QN	
SW8260C	mg/kg	591-78-6	2-Hexanone	0.11	27	ND [0.013] QN	ND [0.0084]	ND [0.0069] QN	ND [0.012]	ND [0.016] QN	ND [0.011] QN	
SW8260C	mg/kg	106-43-4	4-Chlorotoluene	NA	NA	ND [0.0033] QN	ND [0.0021]	ND [0.0017] QN	ND [0.0030]	ND [0.0039] QN	ND [0.0027] QN	
SW8260C	mg/kg	99-87-6	4-Isopropyltoluene	NA	NA	ND [0.0033] QN	ND [0.0021]	ND [0.0017] QN	ND [0.0030]	ND [0.0039] QN	ND [0.0027] QN	

						Sample ID	18-NLF-SB-09-S01	18-NLF-SB-09-S02	18-NLF-SB-10-S01	18-NLF-SB-10-S02	18-NLF-TP-08-S01	18-NLF-TP-08-S02
						Location ID	MW-09	MW-09	MW-10	MW-10	TP-08	TP-08
						Sample Date/Time	7/22/18 10:10	7/22/18 10:15	7/23/18 16:00	7/23/18 15:55	7/21/18 10:40	7/21/18 10:45
						Sample Delivery Group	320414141	320414141	320414631	320414631	320414141	320414141
						Matrix	Soil	Soil	Soil	Soil	Soil	Soil
						Sample Type	Primary	Primary	Primary	Primary	Primary	Primary
						Parent Sample						
Method	Units	CAS ID	Analyte	PAL[1]	CRSL[2]							
SW8260C	mg/kg	108-10-1	4-Methyl-2-pentanone	18	220	ND [0.0033] QN	ND [0.0021]	ND [0.0017] QN	ND [0.0030]	ND [0.0039] QN	ND [0.0027] QN
SW8260C	mg/kg	67-64-1	Acetone	38	8100	ND [0.043] QN	ND [0.028]	0.028 [0.023] J, QN	ND [0.04]	ND [0.052] QN	ND [0.036] QN
SW8260C	mg/kg	71-43-2	Benzene	0.022	1.1	ND [0.0033] QN	ND [0.0021]	ND [0.0017] QN	ND [0.0030]	ND [0.0039] QN	ND [0.0027] QN
SW8260C	mg/kg	108-86-1	Bromobenzene	0.36	16	ND [0.0065] QN	ND [0.0042]	ND [0.0035] QN	ND [0.0060]	ND [0.0078] QN	ND [0.0054] QN
SW8260C	mg/kg	74-97-5	Bromochloromethane	NA	NA	ND [0.013] QN	ND [0.0084]	ND [0.0069] QN	ND [0.012]	ND [0.016] QN	ND [0.011] QN
SW8260C	mg/kg	75-25-2	Bromoform	0.1	24	ND [0.013] QN	ND [0.0084]	ND [0.0069] QN	ND [0.012]	ND [0.016] QN	ND [0.011] QN
SW8260C	mg/kg	75-15-0	Carbon disulfide	2.9	50	ND [0.0033] QN	ND [0.0021]	ND [0.0017] QN	ND [0.0030]	ND [0.0039] QN	ND [0.0027] QN
SW8260C	mg/kg	56-23-5	Carbon tetrachloride	0.021	0.91	ND [0.0033] QN	ND [0.0021]	ND [0.0017] QN	ND [0.0030]	ND [0.0039] QN	ND [0.0027] QN
SW8260C	mg/kg	108-90-7	Chlorobenzene	0.46	18	ND [0.0065] QN	ND [0.0042]	ND [0.0035] QN	ND [0.0060]	ND [0.0078] QN	ND [0.0054] QN
SW8260C	mg/kg	75-00-3	Chloroethane	72	140	ND [0.013] QN	ND [0.0084]	ND [0.0069] QN	ND [0.012]	ND [0.016] QN	ND [0.011] QN
SW8260C	mg/kg	74-87-3	Chloromethane	0.61	17	ND [0.0033] QN	ND [0.0021]	ND [0.0017] QN	ND [0.0030]	ND [0.0039] QN	ND [0.0027] QN
SW8260C	mg/kg	10061-01-5	cis-1,3-Dichloropropene	NA	NA	ND [0.0065] QN	ND [0.0042]	ND [0.0035] QN	ND [0.0060]	ND [0.0078] QN	ND [0.0054] QN
SW8260C	mg/kg	98-82-8	Cumene	5.6	5.4	ND [0.0033] QN	ND [0.0021]	ND [0.0017] QN	ND [0.0030]	ND [0.0039] QN	ND [0.0027] QN
SW8260C	mg/kg	110-82-7	Cyclohexane	77	7.7	ND [0.022] QN	ND [0.014]	ND [0.012] QN	ND [0.02]	ND [0.026] QN	ND [0.018] QN
SW8260C	mg/kg	74-95-3	Dibromomethane	0.025	3.1	ND [0.0065] QN	ND [0.0042]	ND [0.0035] QN	ND [0.0060]	ND [0.0078] QN	ND [0.0054] QN
SW8260C	mg/kg	75-71-8	Dichlorodifluoromethane (Freon 12)	3.9	15	ND [0.013] QN	ND [0.0084]	ND [0.0069] QN	ND [0.012]	ND [0.016] QN	ND [0.011] QN
SW8260C	mg/kg	100-41-4	Ethylbenzene	0.13	4.9	ND [0.0065] QN	ND [0.0042]	ND [0.0035] QN	ND [0.0060]	ND [0.0078] QN	ND [0.0054] QN
SW8260C	mg/kg	87-68-3	Hexachlorobutadiene	0.02	0.33	--	--	--	--	--	--
SW8260C	mg/kg	75-09-2	Methylene chloride	0.33	46	ND [0.0065] QN	ND [0.0042]	ND [0.0035] QN	ND [0.0060]	ND [0.0078] QN	ND [0.0054] QN
SW8260C	mg/kg	1634-04-4	Methyl-tert-butyl ether (MTBE)	0.4	67	ND [0.0033] QN	ND [0.0021]	ND [0.0017] QN	ND [0.0030]	ND [0.0039] QN	ND [0.0027] QN
SW8260C	mg/kg	179601-23-1	m-Xylene & p-Xylene	NA	NA	ND [0.0065] QN	ND [0.0042]	ND [0.0035] QN	ND [0.0060]	ND [0.0078] QN	ND [0.0054] QN
SW8260C	mg/kg	91-20-3	Naphthalene	0.038	2.9	--	--	--	--	--	--
SW8260C	mg/kg	104-51-8	n-Butylbenzene	20	2	ND [0.0033] QN	ND [0.0021]	ND [0.0017] QN	ND [0.0030]	ND [0.0039] QN	ND [0.0027] QN
SW8260C	mg/kg	103-65-1	n-Propylbenzene	9.1	5.2	ND [0.0065] QN	ND [0.0042]	ND [0.0035] QN	ND [0.0060]	ND [0.0078] QN	ND [0.0054] QN
SW8260C	mg/kg	95-47-6	o-Xylene	NA	NA	ND [0.0065] QN	ND [0.0042]	ND [0.0035] QN	ND [0.0060]	ND [0.0078] QN	ND [0.0054] QN
SW8260C	mg/kg	135-98-8	sec-Butylbenzene	28	2.8	ND [0.0033] QN	ND [0.0021]	ND [0.0017] QN	ND [0.0030]	ND [0.0039] QN	ND [0.0027] QN
SW8260C	mg/kg	100-42-5	Styrene	10	18	ND [0.0033] QN	ND [0.0021]	ND [0.0017] QN	ND [0.0030]	ND [0.0039] QN	ND [0.0027] QN
SW8260C	mg/kg	98-06-6	tert-Butylbenzene	11	3.6	ND [0.0065] QN	ND [0.0042]	ND [0.0035] QN	ND [0.0060]	ND [0.0078] QN	ND [0.0054] QN
SW8260C	mg/kg	127-18-4	Tetrachloroethene (PCE)	0.19	6.8	ND [0.0065] QN	ND [0.0042]	0.0029 [0.0035] J, QN	0.0082 [0.0060] J	ND [0.0078] QN	ND [0.0054] QN
SW8260C	mg/kg	108-88-3	Toluene	6.7	20	0.0023 [0.0065] J, QN	0.0016 [0.0042] J	0.0058 [0.0035] B, J, QN	ND [0.0060]	0.0039 [0.0078] J, QN	0.0034 [0.0054] J, QN
SW8260C	mg/kg	10061-02-6	trans-1,3-Dichloropropene	NA	NA	ND [0.0033] QN	ND [0.0021]	ND [0.0017] QN	ND [0.0030]	ND [0.0039] QN	ND [0.0027] QN
SW8260C	mg/kg	75-69-4	Trichlorofluoromethane (Freon 11)	41	98	ND [0.013] QN	ND [0.0084]	ND [0.0069] QN	ND [0.012]	ND [0.016] QN	ND [0.011] QN
SW8260C	mg/kg	1330-20-7	Xylenes	1.5	5.7	ND [0.013]	ND [0.0084]	ND [0.007]	ND [0.012]	ND [0.0156]	ND [0.0108]
SW8260C SIM	mg/kg	79-34-5	1,1,2,2-Tetrachloroethane	0.003	0.61	ND [0.00087] QN	ND [0.00056]	ND [0.00046] QN	ND [0.00080]	ND [0.0010] QN	ND [0.00071] QN
SW8260C SIM	mg/kg	79-00-5	1,1,2-Trichloroethane	0.0014	0.16	ND [0.00087] QN	ND [0.00056]	ND [0.00046] QN	ND [0.00080]	ND [0.0010] QN	ND [0.00071] QN
SW8260C SIM	mg/kg	107-06-2	1,2-Dichloroethane	0.0055	0.55	ND [0.00043] QN	ND [0.00028]	0.00070 [0.00023] QN	0.0014 [0.00040]	ND [0.00052] QN	ND [0.00036] QN
SW8260C SIM	mg/kg	75-27-4	Bromodichloromethane	0.0043	0.36	ND [0.00043] QN	ND [0.00028]	ND [0.00023] QN	ND [0.00040]	ND [0.00052] QN	ND [0.00036] QN
SW8260C SIM	mg/kg	74-83-9	Bromomethane	0.024	1	ND [0.0017] QN	ND [0.0011]	ND [0.00092] QN	ND [0.0016]	ND [0.0021] QN	ND [0.0014] QN
SW8260C SIM	mg/kg	67-66-3	Chloroform	0.0071	0.40	ND [0.0017] QN	ND [0.0011]	ND [0.00092] QN	ND [0.0016]	ND [0.0021] QN	ND [0.0014] QN
SW8260C SIM	mg/kg	124-48-1	Dibromochloromethane	0.0027	11	ND [0.00043] QN	ND [0.00028]	ND [0.00023] QN	ND [0.00040]	ND [0.00052] QN	ND [0.00036] QN
SW8260C SIM	mg/kg	79-01-6	Trichloroethene (TCE)	0.011	0.49	ND [0.00043] QN	ND [0.00028]	0.0062 [0.00023] QN	**0.015 [0.00040]**	ND [0.00052] QN	**0.014 [0.00036] QN**

						Sample ID	18-NLF-SB-09-S01	18-NLF-SB-09-S02	18-NLF-SB-10-S01	18-NLF-SB-10-S02	18-NLF-TP-08-S01	18-NLF-TP-08-S02
						Location ID	MW-09	MW-09	MW-10	MW-10	TP-08	TP-08
						Sample Date/Time	7/22/18 10:10	7/22/18 10:15	7/23/18 16:00	7/23/18 15:55	7/21/18 10:40	7/21/18 10:45
						Sample Delivery Group	320414141	320414141	320414631	320414631	320414141	320414141
						Matrix	Soil	Soil	Soil	Soil	Soil	Soil
						Sample Type	Primary	Primary	Primary	Primary	Primary	Primary
						Parent Sample						
Method	Units	CAS ID	Analyte	PAL[1]	CRSL[2]							
SW8260C SIM	mg/kg	75-01-4	Vinyl Chloride	0.0008	0.065	**ND [0.00087] QN**	ND [0.00056]	ND [0.00046] QN	**ND [0.00080]**	**ND [0.0010] QN**	ND [0.00071] QN
SW8270D	mg/kg	120-82-1	1,2,4-Trichlorobenzene	0.082	4.5	ND [0.0026]	--	--	ND [0.0028]	ND [0.0028]	ND [0.0027]
SW8270D	mg/kg	95-50-1	1,2-Dichlorobenzene	2.4	7.8	ND [0.0026]	--	--	ND [0.0028]	ND [0.0028]	--
SW8270D	mg/kg	541-73-1	1,3-Dichlorobenzene	2.3	6.2	ND [0.0026]	--	--	ND [0.0028]	ND [0.0028]	ND [0.0027]
SW8270D	mg/kg	106-46-7	1,4-Dichlorobenzene	0.037	2.1	ND [0.0026]	--	--	ND [0.0028]	ND [0.0028]	--
SW8270D	mg/kg	95-95-4	2,4,5-Trichlorophenol	28	820	ND [0.026]	ND [0.028]	ND [0.025]	ND [0.028]	ND [0.028]	ND [0.027]
SW8270D	mg/kg	88-06-2	2,4,6-Trichlorophenol	0.092	8.2	ND [0.0026]	ND [0.0028]	ND [0.0025]	ND [0.0028]	ND [0.0028]	ND [0.0027]
SW8270D	mg/kg	120-83-2	2,4-Dichlorophenol	0.21	25	ND [0.0026]	ND [0.0028]	ND [0.0025]	ND [0.0028]	ND [0.0028]	ND [0.0027]
SW8270D	mg/kg	105-67-9	2,4-Dimethylphenol	3.2	160	ND [0.0053]	ND [0.0055]	ND [0.0051]	ND [0.0056]	ND [0.0056]	ND [0.0054]
SW8270D	mg/kg	51-28-5	2,4-Dinitrophenol	0.34	16	ND [0.21]	ND [0.22]	ND [0.2]	ND [0.23]	ND [0.23]	ND [0.22]
SW8270D	mg/kg	121-14-2	2,4-Dinitrotoluene	0.024	2.3	ND [0.0026]	ND [0.0028]	ND [0.0025]	ND [0.0028]	ND [0.0028]	ND [0.0027]
SW8270D	mg/kg	606-20-2	2,6-Dinitrotoluene	0.005	0.47	ND [0.0026]	ND [0.0028]	ND [0.0025]	ND [0.0028]	ND [0.0028]	ND [0.0027]
SW8270D	mg/kg	95-57-8	2-Chlorophenol	0.71	51	ND [0.0026]	ND [0.0028]	ND [0.0025]	ND [0.0028]	ND [0.0028]	ND [0.0027]
SW8270D	mg/kg	91-57-6	2-Methylnaphthalene	1.3	31	--	--	--	--	--	--
SW8270D	mg/kg	88-75-5	2-Nitrophenol	NA	NA	ND [0.0026]	ND [0.0028]	ND [0.0025]	ND [0.0028]	ND [0.0028]	ND [0.0027]
SW8270D	mg/kg	15831-10-4	3 & 4 METHYLPHENOL	NA	NA	ND [0.0026]	ND [0.0028]	ND [0.0025]	ND [0.0028]	ND [0.0028]	ND [0.0027]
SW8270D	mg/kg	91-94-1	3,3'-Dichlorobenzidine	0.056	1.6	ND [0.053]	ND [0.055]	ND [0.051]	**ND [0.056]**	**ND [0.056]**	ND [0.054]
SW8270D	mg/kg	99-09-2	3-Nitroaniline	NA	NA	ND [0.026]	ND [0.028]	ND [0.025]	ND [0.028]	ND [0.028]	ND [0.027]
SW8270D	mg/kg	101-55-3	4-Bromophenyl-phenylether	NA	NA	ND [0.026]	ND [0.028]	ND [0.025]	ND [0.028]	ND [0.028]	ND [0.027]
SW8270D	mg/kg	7005-72-3	4-Chlorophenyl-phenylether	NA	NA	ND [0.0026]	ND [0.0028]	ND [0.0025]	ND [0.0028]	ND [0.0028]	ND [0.0027]
SW8270D	mg/kg	100-02-7	4-Nitrophenol	NA	NA	ND [0.053]	ND [0.055]	ND [0.051]	ND [0.056]	ND [0.056]	ND [0.054]
SW8270D	mg/kg	120-12-7	Anthracene	390	2300	--	--	--	--	--	--
SW8270D	mg/kg	56-55-3	Benz[a]anthracene	0.7	1.4	--	--	--	--	0.0023 [0.0028] J	--
SW8270D	mg/kg	50-32-8	Benzo(a)pyrene	1.5	0.15	--	--	--	--	--	--
SW8270D	mg/kg	205-99-2	Benzo(b)fluoranthene	15	1.5	--	--	--	--	--	--
SW8270D	mg/kg	207-08-9	Benzo(k)fluoranthene	150	15	--	--	--	--	--	--
SW8270D	mg/kg	100-51-6	Benzyl Alcohol	5.7	820	ND [0.053]	ND [0.055]	ND [0.051]	ND [0.056]	ND [0.056]	ND [0.054]
SW8270D	mg/kg	91-58-7	Beta-Chloronaphthalene	26	620	ND [0.0026]	ND [0.0028]	ND [0.0025]	ND [0.0028]	ND [0.0028]	ND [0.0027]
SW8270D	mg/kg	108-60-1	Bis(2-chloro-1-methylethyl) ether	NA	NA	ND [0.0053]	ND [0.0055]	ND [0.0051]	ND [0.0056]	ND [0.0056]	ND [0.0054]
SW8270D	mg/kg	111-91-1	Bis(2-chloroethoxy)methane	NA	NA	ND [0.0026]	ND [0.0028]	ND [0.0025]	ND [0.0028]	ND [0.0028]	ND [0.0027]
SW8270D	mg/kg	117-81-7	Bis(2-ethylhexyl)phthalate	88	50	0.051 [0.053] B, J	0.063 [0.055] B, J	ND [0.051]	0.026 [0.056] B, J	0.053 [0.056] B, J	0.055 [0.054] B, J
SW8270D	mg/kg	85-68-7	Butyl Benzyl Phthalate	16	370	ND [0.026]	ND [0.028]	ND [0.025]	ND [0.028]	ND [0.028]	ND [0.027]
SW8270D	mg/kg	86-74-8	Carbazole	NA	NA	ND [0.0026]	ND [0.0028]	ND [0.0025]	ND [0.0028]	ND [0.0028]	ND [0.0027]
SW8270D	mg/kg	218-01-9	Chrysene	600	150	--	--	--	--	--	--
SW8270D	mg/kg	59-50-7	Cresol, p-chloro-m-	NA	NA	ND [0.0026]	ND [0.0028]	ND [0.0025]	ND [0.0028]	ND [0.0028]	ND [0.0027]
SW8270D	mg/kg	132-64-9	Dibenzofuran	0.97	9.5	ND [0.0026]	ND [0.0028]	ND [0.0025]	ND [0.0028]	ND [0.0028]	ND [0.0027]
SW8270D	mg/kg	84-74-2	Dibutyl Phthalate	16	820	ND [0.026]	ND [0.028]	ND [0.025]	ND [0.028]	ND [0.028]	ND [0.027]
SW8270D	mg/kg	84-66-2	Diethyl Phthalate	60	6600	ND [0.0026]	ND [0.0028]	ND [0.0025]	ND [0.0028]	ND [0.0028]	ND [0.0027]
SW8270D	mg/kg	131-11-3	Dimethylphthalate	48	6600	ND [0.0026]	ND [0.0028]	ND [0.0025]	ND [0.0028]	ND [0.0028]	ND [0.0027]
SW8270D	mg/kg	534-52-1	Dinitro-o-cresol, 4,6-	NA	NA	ND [0.21]	ND [0.22]	ND [0.2]	ND [0.23]	ND [0.23]	ND [0.22]
SW8270D	mg/kg	117-84-0	di-N-Octyl Phthalate	370	82	ND [0.0053]	ND [0.0055]	ND [0.0051]	ND [0.0056]	ND [0.0056]	ND [0.0054]

						Sample ID	18-NLF-SB-09-S01	18-NLF-SB-09-S02	18-NLF-SB-10-S01	18-NLF-SB-10-S02	18-NLF-TP-08-S01	18-NLF-TP-08-S02
						Location ID	MW-09	MW-09	MW-10	MW-10	TP-08	TP-08
						Sample Date/Time	7/22/18 10:10	7/22/18 10:15	7/23/18 16:00	7/23/18 15:55	7/21/18 10:40	7/21/18 10:45
						Sample Delivery Group	320414141	320414141	320414631	320414631	320414141	320414141
						Matrix	Soil	Soil	Soil	Soil	Soil	Soil
						Sample Type	Primary	Primary	Primary	Primary	Primary	Primary
						Parent Sample						
Method	Units	CAS ID	Analyte	PAL[1]	CRSL[2]							
SW8270D	mg/kg	206-44-0	Fluoranthene	590	310	--	--	--	--	--	--
SW8270D	mg/kg	87-68-3	Hexachlorobutadiene	0.02	0.33	ND [0.0026]	ND [0.0028]	ND [0.0025]	ND [0.0028]	ND [0.0028]	ND [0.0027]
SW8270D	mg/kg	67-72-1	Hexachloroethane	0.018	1.7	ND [0.0026]	ND [0.0028]	ND [0.0025]	ND [0.0028]	ND [0.0028]	ND [0.0027]
SW8270D	mg/kg	193-39-5	Indeno(1,2,3-cd)pyrene	15	1.5	--	--	--	--	--	--
SW8270D	mg/kg	78-59-1	Isophorone	2.7	740	ND [0.0026]	ND [0.0028]	ND [0.0025]	ND [0.0028]	ND [0.0028]	ND [0.0027]
SW8270D	mg/kg	88-74-4	Nitroaniline, 2-	NA	NA	ND [0.0026]	ND [0.0028]	ND [0.0025]	ND [0.0028]	ND [0.0028]	ND [0.0027]
SW8270D	mg/kg	100-01-6	Nitroaniline, 4-	NA	NA	ND [0.0026]	ND [0.0028]	ND [0.0025]	ND [0.0028]	ND [0.0028]	ND [0.0027]
SW8270D	mg/kg	98-95-3	Nitrobenzene	0.0079	4.3	ND [0.0026]	ND [0.0028]	ND [0.0025]	ND [0.0028]	ND [0.0028]	ND [0.0027]
SW8270D	mg/kg	62-75-9	N-Nitrosodimethylamine	0.0000033	0.0026	**ND [0.026]**	**ND [0.028]**	**ND [0.025]**	**ND [0.028]**	**ND [0.028]**	**ND [0.027]**
SW8270D	mg/kg	86-30-6	N-Nitrosodiphenylamine	4.6	140	ND [0.0053]	ND [0.0055]	ND [0.0051]	ND [0.0056]	ND [0.0056]	ND [0.0054]
SW8270D	mg/kg	95-48-7	o-Cresol	6.2	410	ND [0.0026]	ND [0.0028]	ND [0.0025]	ND [0.0028]	ND [0.0028]	ND [0.0027]
SW8270D	mg/kg	106-47-8	p-Chloroaniline	0.015	3.5	**ND [0.026]**	**ND [0.028]**	**ND [0.025]**	**ND [0.028]**	**ND [0.028]**	**ND [0.027]**
SW8270D	mg/kg	85-01-8	Phenanthrene	39	230	--	--	--	--	0.0037 [0.0028] J	--
SW8270D	mg/kg	108-95-2	Phenol	29	2500	ND [0.026]	ND [0.028]	ND [0.025]	ND [0.028]	ND [0.028]	ND [0.027]
SW8270D	mg/kg	129-00-0	Pyrene	87	230	--	--	--	--	0.0048 [0.0056] J	--
SW8270D SIM	mg/kg	90-12-0	1-Methylnaphthalene	0.41	6.8	ND [0.0012]	ND [0.0011]	ND [0.0011]	ND [0.0011]	ND [0.0012]	ND [0.0012]
SW8270D SIM	mg/kg	91-57-6	2-Methylnaphthalene	1.3	31	ND [0.0012]	0.00055 [0.0011] J	ND [0.0011]	ND [0.0011]	ND [0.0012]	ND [0.0012]
SW8270D SIM	mg/kg	83-32-9	Acenaphthene	37	460	ND [0.0012]	ND [0.0011]	ND [0.0011]	ND [0.0011]	ND [0.0012]	ND [0.0012]
SW8270D SIM	mg/kg	208-96-8	Acenaphthylene	18	230	ND [0.0012]	ND [0.0011]	ND [0.0011]	ND [0.0011]	ND [0.0012]	ND [0.0012]
SW8270D SIM	mg/kg	120-12-7	Anthracene	390	2300	ND [0.0012]	ND [0.0011]	ND [0.0011]	ND [0.0011]	ND [0.0012]	ND [0.0012]
SW8270D SIM	mg/kg	56-55-3	Benz[a]anthracene	0.7	1.4	ND [0.0012]	0.00048 [0.0011] J	ND [0.0011]	ND [0.0011]	--	0.00051 [0.0012] J
SW8270D SIM	mg/kg	50-32-8	Benzo(a)pyrene	1.5	0.15	ND [0.0012]	ND [0.0011]	ND [0.0011]	ND [0.0011]	0.0021 [0.0012] J	0.00050 [0.0012] J
SW8270D SIM	mg/kg	205-99-2	Benzo(b)fluoranthene	15	1.5	ND [0.0023]	ND [0.0022]	ND [0.0022]	ND [0.0022]	0.0028 [0.0023] J	0.00088 [0.0024] J
SW8270D SIM	mg/kg	207-08-9	Benzo(k)fluoranthene	150	15	ND [0.0023]	ND [0.0022]	ND [0.0022]	ND [0.0022]	0.00097 [0.0023] J	ND [0.0024]
SW8270D SIM	mg/kg	191-24-2	Benzo[g,h,i]perylene	2300	230	ND [0.0035]	ND [0.0033]	ND [0.0032]	ND [0.0033]	0.0019 [0.0035] J	0.0013 [0.0036] J
SW8270D SIM	mg/kg	111-44-4	Bis(2-chloroethyl)ether	0.00042	0.28	**ND [0.0026]**	**ND [0.0026]**	**ND [0.0026]**	**ND [0.0031]**	**ND [0.0027]**	**ND [0.0026]**
SW8270D SIM	mg/kg	218-01-9	Chrysene	600	150	ND [0.0012]	0.00094 [0.0011] J	0.00050 [0.0011] J	0.0012 [0.0011] J	0.0029 [0.0012] J	0.0012 [0.0012] J
SW8270D SIM	mg/kg	53-70-3	Dibenz[a,h]anthracene	1.5	0.15	ND [0.0035]	ND [0.0033]	ND [0.0032]	ND [0.0033]	ND [0.0035]	ND [0.0036]
SW8270D SIM	mg/kg	206-44-0	Fluoranthene	590	310	ND [0.0012]	0.00036 [0.0011] J	ND [0.0011]	ND [0.0011]	0.0031 [0.0012] J	0.00047 [0.0012] J
SW8270D SIM	mg/kg	86-73-7	Fluorene	36	310	ND [0.0012]	ND [0.0011]	ND [0.0011]	ND [0.0011]	ND [0.0012]	ND [0.0012]
SW8270D SIM	mg/kg	118-74-1	Hexachlorobenzene	0.0082	0.20	ND [0.0026]	ND [0.0026]	ND [0.0026]	ND [0.0031]	ND [0.0027]	ND [0.0026]
SW8270D SIM	mg/kg	77-47-4	Hexachlorocyclopentadiene	0.0093	0.14	ND [0.0013]	ND [0.0013]	ND [0.0013] QL	ND [0.0015] QL	ND [0.0013]	ND [0.0013]
SW8270D SIM	mg/kg	193-39-5	Indeno(1,2,3-cd)pyrene	15	1.5	ND [0.0012]	ND [0.0011]	ND [0.0011]	ND [0.0011]	0.0017 [0.0012] J	0.00062 [0.0012] J
SW8270D SIM	mg/kg	91-20-3	Naphthalene	0.038	2.9	ND [0.0012]	0.00072 [0.0011] J	0.00094 [0.0011] J	ND [0.0011]	0.00042 [0.0012] J	0.00049 [0.0012] J
SW8270D SIM	mg/kg	621-64-7	N-Nitroso-di-N-propylamine	0.00068	0.100	**ND [0.0026]**	**ND [0.0026]**	**ND [0.0026]**	**ND [0.0031]**	**ND [0.0027]**	**ND [0.0026]**
SW8270D SIM	mg/kg	87-86-5	Pentachlorophenol	0.0043	1.3	0.0023 [0.0053] B, J	0.0022 [0.0051] B, J	**ND [0.0052]**	**ND [0.0062]**	0.0025 [0.0053] B, J	0.0023 [0.0051] B, J
SW8270D SIM	mg/kg	85-01-8	Phenanthrene	39	230	0.0015 [0.0012] J	0.0026 [0.0011] J	0.0011 [0.0011] J	0.0016 [0.0011] J	--	0.0020 [0.0012] J
SW8270D SIM	mg/kg	129-00-0	Pyrene	87	230	ND [0.0012]	0.00042 [0.0011] J	ND [0.0011]	ND [0.0011]	--	0.00052 [0.0012] J

						Sample ID	18-NLF-TP-09-S01	18-NLF-TP-09-S02	18-NLF-TP-09-S03	18-NLF-TP-10-S01	18-NLF-TP-10-S02	18-NLF-TP-11-S01
						Location ID	TP-09	TP-09	TP-09	TP-10	TP-10	TP-11
						Sample Date/Time	7/21/18 15:20	7/21/18 15:25	7/21/18 15:30	7/20/18 10:50	7/20/18 11:00	7/22/18 11:00
						Sample Delivery Group	320414141	320414141	320414141	320414141	320414141	320414141
						Matrix	Soil	Soil	Soil	Soil	Soil	Soil
						Sample Type	Primary	Field Duplicate	Primary	Primary	Primary	Primary
						Parent Sample		18-NLF-TP-09-S01				
Method	Units	CAS ID	Analyte	PAL[1]	CRSL[2]							
AK101	mg/kg	GRO	Gas Range Organics	300	NA	ND [0.86] QN	ND [0.78]	0.42 [0.77] B, J	0.62 [0.93] B, J, QN	0.43 [0.82] B, J, QN	ND [0.87]	
AK102	mg/kg	DRO	Diesel Range Organics	250	NA	**660 [11]**	**550 [11]**	6.2 [1.1]	22 [1.1]	1.2 [1.1] J	13 [1.2]	
AK103	mg/kg	RRO	Residual Range Organics	10000	NA	610 [110]	500 [110]	11 [11] J	140 [11]	6.8 [11] J	79 [12]	
SW6020A	mg/kg	7440-38-2	Arsenic	0.2	0.88	**3.4 [0.13]**	**3.0 [0.13]**	**3.1 [0.13]**	**3.9 [0.16]**	**3.6 [0.15]**	**3.1 [0.16]**	
SW6020A	mg/kg	7440-39-3	Barium	2100	2000	63 [0.13]	70 [0.13]	78 [0.13]	70 [0.16]	61 [0.15]	81 [0.16]	
SW6020A	mg/kg	7440-43-9	Cadmium	9.1	9.2	0.16 [0.065]	0.14 [0.064]	0.089 [0.066] J	0.38 [0.078]	0.11 [0.074] J	0.095 [0.080] J	
SW6020A	mg/kg	7440-47-3	Chromium	100000	10000	9.5 [0.081]	9.7 [0.080]	9.7 [0.082]	23 [0.098]	10 [0.093]	8.6 [0.10]	
SW6020A	mg/kg	7439-92-1	Lead	400	40	22 [0.061]	15 [0.061]	2.8 [0.063]	65 [0.074]	2.4 [0.071]	3.3 [0.076]	
SW6020A	mg/kg	7440-02-0	Nickel	340	200	10 [0.16]	9.2 [0.16]	9.7 [0.16]	18 [0.20]	11 [0.19]	9.0 [0.20]	
SW6020A	mg/kg	7782-49-2	Selenium	6.9	51	0.88 [0.32]	0.83 [0.32]	0.72 [0.33]	0.69 [0.39]	1.1 [0.37]	1.0 [0.40]	
SW6020A	mg/kg	7440-22-4	Silver	11	51	0.12 [0.016]	0.092 [0.016]	0.026 [0.016] J	0.12 [0.020]	0.021 [0.019] J	0.023 [0.020] J	
SW6020A	mg/kg	7440-62-2	Vanadium	510	51	58 [0.32]	57 [0.32]	60 [0.33]	47 [0.39]	65 [0.37]	61 [0.40]	
SW7471B	mg/kg	7439-97-6	Mercury	0.36	0.31	0.028 [0.024] J	0.038 [0.027] J	0.025 [0.029] J	0.052 [0.026]	0.016 [0.026] J	0.018 [0.028] J	
SW8011	mg/kg	96-18-4	1,2,3-Trichloropropane	0.000031	0.0066	**ND [0.00016] QL**	**ND [0.0017] QL**	**ND [0.0016] QL**	**ND [0.00017] QL**	**ND [0.00017]**	**ND [0.0019] H**	
SW8011	mg/kg	106-93-4	1,2-Dibromoethane	0.00024	0.042	ND [0.000041] QL	**ND [0.00042] QL**	**ND [0.00041] QL**	ND [0.000044] QL	ND [0.000042] QL	**ND [0.00047] H**	
SW8081B	mg/kg	309-00-2	Aldrin	0.0099	0.049	**ND [1.1]**	**ND [1.1]**	**ND [0.011]**	ND [0.0054]	ND [0.00055]	ND [0.0012]	
SW8081B	mg/kg	319-84-6	Alpha-Hexachlorocyclohexane	0.0029	0.11	**ND [1.1]**	**ND [1.1]**	**ND [0.011]**	**ND [0.0054]**	ND [0.00055]	ND [0.0012]	
SW8081B	mg/kg	319-85-7	Beta-Hexachlorocyclohexane	0.01	0.39	**ND [1.1]**	**ND [1.1]**	**ND [0.011]**	ND [0.0054]	ND [0.00055]	ND [0.0012]	
SW8081B	mg/kg	12789-03-6	Chlordane	0.18	2.2	**ND [45]**	**ND [43]**	**ND [0.46]**	**ND [0.22]**	ND [0.022]	ND [0.048]	
SW8081B	mg/kg	5103-71-9	CIS-CHLORDANE	NA	NA	ND [1.1]	ND [1.1]	ND [0.011]	ND [0.0054]	ND [0.00055]	ND [0.0012]	
SW8081B	mg/kg	72-54-8	DDD	0.098	0.25	**ND [1.1]**	**ND [1.1]**	ND [0.011]	ND [0.0054]	ND [0.00055]	ND [0.0012]	
SW8081B	mg/kg	50-29-3	DDT	5.1	2.4	ND [2.2]	ND [2.2]	ND [0.023] QL	ND [0.011]	ND [0.0011]	ND [0.0024] QL	
SW8081B	mg/kg	319-86-8	DELTA-BHC	NA	NA	ND [1.1]	ND [1.1]	ND [0.011]	ND [0.0054]	ND [0.00055]	ND [0.0012]	
SW8081B	mg/kg	60-57-1	Dieldrin	0.0047	0.044	**ND [1.1]**	**ND [1.1]**	**ND [0.011]**	**ND [0.0054]**	0.00033 [0.00055] J	ND [0.0012]	
SW8081B	mg/kg	115-29-7	Endosulfan (I + II)	9.3	61	ND [2.2]	ND [2.2]	ND [0.022]	ND [0.0108]	ND [0.0011]	ND [0.0024]	
SW8081B	mg/kg	959-98-8	ENDOSULFAN I	NA	NA	ND [1.1]	ND [1.1]	ND [0.011]	ND [0.0054]	ND [0.00055]	ND [0.0012]	
SW8081B	mg/kg	33213-65-9	ENDOSULFAN II	NA	NA	ND [1.1]	ND [1.1]	ND [0.011]	ND [0.0054]	ND [0.00055]	ND [0.0012]	
SW8081B	mg/kg	1031-07-8	ENDOSULFAN SULFATE	NA	NA	ND [2.2]	ND [2.2]	ND [0.023]	ND [0.011]	ND [0.0011]	ND [0.0024]	
SW8081B	mg/kg	72-20-8	Endrin	0.61	2.5	ND [0.6]	ND [0.59]	ND [0.0062]	ND [0.0029]	ND [0.00030]	ND [0.00065]	
SW8081B	mg/kg	7421-93-4	ENDRIN ALDEHYDE	NA	NA	ND [2.2]	ND [2.2]	ND [0.023]	ND [0.011]	ND [0.0011]	ND [0.0024]	
SW8081B	mg/kg	53494-70-5	ENDRIN KETONE	NA	NA	ND [2.2]	ND [2.2]	ND [0.023]	ND [0.011]	ND [0.0011]	ND [0.0024]	
SW8081B	mg/kg	58-89-9	Gamma- (Lindane)Hexachlorocyclohexane	0.016	0.74	**ND [1.1]**	**ND [1.1]**	ND [0.011]	ND [0.0054]	ND [0.00055]	ND [0.0012]	
SW8081B	mg/kg	76-44-8	Heptachlor	0.0076	0.16	**ND [1.1]**	**ND [1.1]**	**ND [0.011]**	ND [0.0054]	ND [0.00055]	ND [0.0012]	
SW8081B	mg/kg	1024-57-3	Heptachlor Epoxide	0.0019	0.086	**ND [0.6]**	**ND [0.59]**	**ND [0.0062]**	**ND [0.0029]**	ND [0.00030]	ND [0.00065]	
SW8081B	mg/kg	72-43-5	Methoxychlor	13	41	ND [6.7]	ND [6.5]	ND [0.069]	ND [0.032]	ND [0.0033]	ND [0.0072]	
SW8081B	mg/kg	72-55-9	p,p'-DDE	0.72	2.5	**ND [1.1]**	**ND [1.1]**	ND [0.011]	ND [0.0054]	ND [0.00055]	ND [0.0012]	
SW8081B	mg/kg	8001-35-2	Toxaphene	0.72	0.64	**ND [110]**	**ND [110]**	**ND [1.1]**	ND [0.54]	ND [0.055]	ND [0.12]	
SW8081B	mg/kg	5103-74-2	TRANS-CHLORDANE	NA	NA	ND [0.6]	ND [0.59]	ND [0.0062]	ND [0.0029]	ND [0.00030]	ND [0.00065]	
SW8082A	mg/kg	12674-11-2	Aroclor 1016	NA	NA	ND [56]	ND [54]	ND [0.23]	ND [0.22]	ND [0.011]	ND [0.024]	
SW8082A	mg/kg	11104-28-2	Aroclor 1221	NA	NA	ND [84]	ND [81]	ND [0.34]	ND [0.32]	ND [0.016]	ND [0.036]	
SW8082A	mg/kg	11141-16-5	Aroclor 1232	NA	NA	ND [110]	ND [110]	ND [0.46]	ND [0.43]	ND [0.022]	ND [0.048]	

						Sample ID	18-NLF-TP-09-S01	18-NLF-TP-09-S02	18-NLF-TP-09-S03	18-NLF-TP-10-S01	18-NLF-TP-10-S02	18-NLF-TP-11-S01
						Location ID	TP-09	TP-09	TP-09	TP-10	TP-10	TP-11
						Sample Date/Time	7/21/18 15:20	7/21/18 15:25	7/21/18 15:30	7/20/18 10:50	7/20/18 11:00	7/22/18 11:00
						Sample Delivery Group	320414141	320414141	320414141	320414141	320414141	320414141
						Matrix	Soil	Soil	Soil	Soil	Soil	Soil
						Sample Type	Primary	Field Duplicate	Primary	Primary	Primary	Primary
						Parent Sample		18-NLF-TP-09-S01				
Method	Units	CAS ID	Analyte	PAL[1]	CRSL[2]							
SW8082A	mg/kg	53469-21-9	Aroclor 1242	NA	NA		ND [110]	ND [110]	ND [0.46]	ND [0.43]	ND [0.022]	ND [0.048]
SW8082A	mg/kg	12672-29-6	Aroclor 1248	NA	NA		ND [84]	ND [81]	ND [0.34]	ND [0.32]	ND [0.016]	ND [0.036]
SW8082A	mg/kg	11097-69-1	Aroclor 1254	NA	NA		ND [56]	ND [54]	ND [0.23]	ND [0.22]	ND [0.011]	ND [0.024]
SW8082A	mg/kg	11096-82-5	Aroclor 1260	NA	NA		1200 [56]	1200 [54]	13 [0.23]	6.6 [0.22]	0.0051 [0.011] J	0.8 [0.024]
SW8082A	mg/kg	PCBS	PCBS	1	NA		**1200 [556]**	**1200 [544]**	**13 [2.29]**	**6.6 [2.16]**	0.0051 [0.109]	0.8 [0.24]
SW8151A	mg/kg	93-76-5	2,4,5-Trichlorophenoxyacetic Acid	0.66	82		ND [0.082]	ND [0.086]	ND [0.086]	ND [0.088]	ND [0.085]	ND [0.09]
SW8151A	mg/kg	94-75-7	2,4-Dichlorophenoxy Acetic Acid	0.53	91		ND [0.082]	ND [0.086]	ND [0.086]	ND [0.088]	ND [0.085]	ND [0.09]
SW8151A	mg/kg	100-02-7	4-Nitrophenol	NA	NA		ND [0.082]	ND [0.086]	ND [0.086]	ND [0.088]	--	--
SW8151A	mg/kg	94-82-6	Butanoic acid, 4-(2,4-dichlorophenoxy)-	NA	NA		ND [0.082]	ND [0.086]	ND [0.086]	ND [0.088]	ND [0.085]	ND [0.09]
SW8151A	mg/kg	75-99-0	Dalapon	NA	NA		ND [0.12]	ND [0.13]	ND [0.13]	ND [0.13]	ND [0.13]	ND [0.14]
SW8151A	mg/kg	1918-00-9	Dicamba	NA	NA		ND [0.082]	ND [0.086]	ND [0.086]	ND [0.088]	ND [0.085]	ND [0.09]
SW8151A	mg/kg	120-36-5	Dichlorprop	NA	NA		ND [0.082]	ND [0.086]	ND [0.086]	ND [0.088]	ND [0.085]	ND [0.09]
SW8151A	mg/kg	88-85-7	Dinoseb	NA	NA		ND [0.12]	ND [0.13]	ND [0.13]	ND [0.13]	ND [0.13]	ND [0.14]
SW8151A	mg/kg	94-74-6	MCPA	NA	NA		ND [0.082]	ND [0.086]	ND [0.086]	ND [0.088]	ND [0.085]	ND [0.09]
SW8151A	mg/kg	93-65-2	MCPP	NA	NA		ND [0.082]	ND [0.086]	ND [0.086]	ND [0.088]	ND [0.085]	ND [0.09]
SW8151A	mg/kg	87-86-5	Pentachlorophenol	0.0043	1.3		--	--	--	--	--	--
SW8151A	mg/kg	93-72-1	Trichlorophenoxypropionic acid, -2,4,5	0.55	66		ND [0.082]	ND [0.086]	ND [0.086]	ND [0.088]	ND [0.085]	ND [0.09]
SW8260C	mg/kg	630-20-6	1,1,1,2-Tetrachloroethane	0.022	2.1		ND [0.0064] QN	ND [0.0058]	ND [0.0058]	ND [0.0070] QN	ND [0.0061] QN	ND [0.0065]
SW8260C	mg/kg	71-55-6	1,1,1-Trichloroethane	32	36		ND [0.0032] QN	ND [0.0029]	ND [0.0029]	ND [0.0035] QN	ND [0.0031] QN	ND [0.0032]
SW8260C	mg/kg	75-34-3	1,1-Dichloroethane	0.092	4.6		ND [0.0032] QN	ND [0.0029]	ND [0.0029]	ND [0.0035] QN	ND [0.0031] QN	ND [0.0032]
SW8260C	mg/kg	75-35-4	1,1-Dichloroethene	1.2	33		ND [0.0064] QN	ND [0.0058]	ND [0.0058]	ND [0.0070] QN	ND [0.0061] QN	ND [0.0065]
SW8260C	mg/kg	563-58-6	1,1-Dichloropropene	NA	NA		ND [0.0064] QN	ND [0.0058]	ND [0.0058]	ND [0.0070] QN	ND [0.0061] QN	ND [0.0065]
SW8260C	mg/kg	87-61-6	1,2,3-Trichlorobenzene	0.15	8.1		0.073 [0.0064] QN	0.079 [0.0058]	ND [0.0058]	0.041 [0.0070] QN	ND [0.0061] QN	ND [0.0065]
SW8260C	mg/kg	96-18-4	1,2,3-Trichloropropane	0.000031	0.0066		**ND [0.0064] QN**	**ND [0.0058]**	**ND [0.0058]**	**ND [0.0070] QN**	**ND [0.0061] QN**	**ND [0.0065]**
SW8260C	mg/kg	120-82-1	1,2,4-Trichlorobenzene	0.082	4.5		--	--	ND [0.0029]	**0.12 [0.0035] QN**	--	--
SW8260C	mg/kg	95-63-6	1,2,4-Trimethylbenzene	0.61	4.3		ND [0.0032] QN	ND [0.0029]	ND [0.0029]	ND [0.0035] QN	ND [0.0031] QN	ND [0.0032]
SW8260C	mg/kg	156-59-2	1,2-cis-Dichloroethylene	0.12	20		ND [0.013] QN	ND [0.012]	ND [0.012]	ND [0.014] QN	ND [0.012] QN	ND [0.013]
SW8260C	mg/kg	96-12-8	1,2-Dibromo-3-chloropropane	NA	NA		ND [0.013] QN	ND [0.012]	ND [0.012]	ND [0.014] QN	ND [0.012] QN	ND [0.013]
SW8260C	mg/kg	95-50-1	1,2-Dichlorobenzene	2.4	7.8		ND [0.0032] QN	ND [0.0029]	ND [0.0029]	ND [0.0035] QN	--	--
SW8260C	mg/kg	78-87-5	1,2-Dichloropropane	0.03	1.7		ND [0.0064] QN	ND [0.0058]	ND [0.0058]	ND [0.0070] QN	ND [0.0061] QN	ND [0.0065]
SW8260C	mg/kg	156-60-5	1,2-trans-Dichloroethylene	1.3	96		ND [0.0064] QN	ND [0.0058]	ND [0.0058]	ND [0.0070] QN	ND [0.0061] QN	ND [0.0065]
SW8260C	mg/kg	108-67-8	1,3,5-Trimethylbenzene	0.66	3.7		ND [0.0032] QN	ND [0.0029]	ND [0.0029]	ND [0.0035] QN	ND [0.0031] QN	ND [0.0032]
SW8260C	mg/kg	541-73-1	1,3-Dichlorobenzene	2.3	6.2		ND [0.0032] QN	ND [0.0029]	ND [0.0029]	ND [0.0035] QN	--	--
SW8260C	mg/kg	142-28-9	1,3-Dichloropropane	NA	NA		ND [0.0032] QN	ND [0.0029]	ND [0.0029]	ND [0.0035] QN	ND [0.0031] QN	ND [0.0032]
SW8260C	mg/kg	106-46-7	1,4-Dichlorobenzene	0.037	2.1		ND [0.0032] QN	ND [0.0029]	ND [0.0029]	ND [0.0035] QN	--	--
SW8260C	mg/kg	594-20-7	2,2-Dichloropropane	NA	NA		ND [0.0064] QN	ND [0.0058]	ND [0.0058]	ND [0.0070] QN	ND [0.0061] QN	ND [0.0065]
SW8260C	mg/kg	78-93-3	2-Butanone	15	2300		ND [0.032] QN	ND [0.029]	ND [0.029]	ND [0.035] QN	ND [0.031] QN	ND [0.032]
SW8260C	mg/kg	95-49-8	2-Chlorotoluene	NA	NA		ND [0.0032] QN	ND [0.0029]	ND [0.0029]	ND [0.0035] QN	ND [0.0031] QN	ND [0.0032]
SW8260C	mg/kg	591-78-6	2-Hexanone	0.11	27		ND [0.013] QN	ND [0.012]	ND [0.012]	ND [0.014] QN	ND [0.012] QN	ND [0.013]
SW8260C	mg/kg	106-43-4	4-Chlorotoluene	NA	NA		ND [0.0032] QN	ND [0.0029]	ND [0.0029]	ND [0.0035] QN	ND [0.0031] QN	ND [0.0032]
SW8260C	mg/kg	99-87-6	4-Isopropyltoluene	NA	NA		ND [0.0032] QN	ND [0.0029]	ND [0.0029]	ND [0.0035] QN	ND [0.0031] QN	ND [0.0032]

						Sample ID	18-NLF-TP-09-S01	18-NLF-TP-09-S02	18-NLF-TP-09-S03	18-NLF-TP-10-S01	18-NLF-TP-10-S02	18-NLF-TP-11-S01
						Location ID	TP-09	TP-09	TP-09	TP-10	TP-10	TP-11
						Sample Date/Time	7/21/18 15:20	7/21/18 15:25	7/21/18 15:30	7/20/18 10:50	7/20/18 11:00	7/22/18 11:00
						Sample Delivery Group	320414141	320414141	320414141	320414141	320414141	320414141
						Matrix	Soil	Soil	Soil	Soil	Soil	Soil
						Sample Type	Primary	Field Duplicate	Primary	Primary	Primary	Primary
						Parent Sample		18-NLF-TP-09-S01				
Method	Units	CAS ID	Analyte	PAL[1]	CRSL[2]							
SW8260C	mg/kg	108-10-1	4-Methyl-2-pentanone	18	220	ND [0.0032] QN	ND [0.0029]	ND [0.0029]	ND [0.0035] QN	ND [0.0031] QN	ND [0.0032]
SW8260C	mg/kg	67-64-1	Acetone	38	8100	ND [0.043] QN	ND [0.039]	ND [0.038]	0.041 [0.047] J, QN	ND [0.041] QN	ND [0.043]
SW8260C	mg/kg	71-43-2	Benzene	0.022	1.1	ND [0.0032] QN	ND [0.0029]	ND [0.0029]	ND [0.0035] QN	ND [0.0031] QN	ND [0.0032]
SW8260C	mg/kg	108-86-1	Bromobenzene	0.36	16	ND [0.0064] QN	ND [0.0058]	ND [0.0058]	ND [0.0070] QN	ND [0.0061] QN	ND [0.0065]
SW8260C	mg/kg	74-97-5	Bromochloromethane	NA	NA	ND [0.013] QN	ND [0.012]	ND [0.012]	ND [0.014] QN	ND [0.012] QN	ND [0.013]
SW8260C	mg/kg	75-25-2	Bromoform	0.1	24	ND [0.013] QN	ND [0.012]	ND [0.012]	ND [0.014] QN	ND [0.012] QN	ND [0.013]
SW8260C	mg/kg	75-15-0	Carbon disulfide	2.9	50	ND [0.0032] QN	ND [0.0029]	ND [0.0029]	ND [0.0035] QN	ND [0.0031] QN	ND [0.0032]
SW8260C	mg/kg	56-23-5	Carbon tetrachloride	0.021	0.91	ND [0.0032] QN	ND [0.0029]	ND [0.0029]	ND [0.0035] QN	ND [0.0031] QN	ND [0.0032]
SW8260C	mg/kg	108-90-7	Chlorobenzene	0.46	18	ND [0.0064] QN	ND [0.0058]	ND [0.0058]	ND [0.0070] QN	ND [0.0061] QN	ND [0.0065]
SW8260C	mg/kg	75-00-3	Chloroethane	72	140	ND [0.013] QN	ND [0.012]	ND [0.012]	ND [0.014] QN	ND [0.012] QN	ND [0.013]
SW8260C	mg/kg	74-87-3	Chloromethane	0.61	17	ND [0.0032] QN	ND [0.0029]	ND [0.0029]	ND [0.0035] QN	ND [0.0031] QN	ND [0.0032]
SW8260C	mg/kg	10061-01-5	cis-1,3-Dichloropropene	NA	NA	ND [0.0064] QN	ND [0.0058]	ND [0.0058]	ND [0.0070] QN	ND [0.0061] QN	ND [0.0065]
SW8260C	mg/kg	98-82-8	Cumene	5.6	5.4	ND [0.0032] QN	ND [0.0029]	ND [0.0029]	ND [0.0035] QN	ND [0.0031] QN	ND [0.0032]
SW8260C	mg/kg	110-82-7	Cyclohexane	77	7.7	ND [0.021] QN	ND [0.019]	ND [0.019]	ND [0.023] QN	ND [0.02] QN	ND [0.022]
SW8260C	mg/kg	74-95-3	Dibromomethane	0.025	3.1	ND [0.0064] QN	ND [0.0058]	ND [0.0058]	ND [0.0070] QN	ND [0.0061] QN	ND [0.0065]
SW8260C	mg/kg	75-71-8	Dichlorodifluoromethane (Freon 12)	3.9	15	ND [0.013] QN	ND [0.012]	ND [0.012]	ND [0.014] QN	ND [0.012] QN	ND [0.013]
SW8260C	mg/kg	100-41-4	Ethylbenzene	0.13	4.9	ND [0.0064] QN	ND [0.0058]	ND [0.0058]	ND [0.0070] QN	ND [0.0061] QN	ND [0.0065]
SW8260C	mg/kg	87-68-3	Hexachlorobutadiene	0.02	0.33	ND [0.0064] QN	ND [0.0058]	ND [0.0058]	ND [0.0070] QN	--	--
SW8260C	mg/kg	75-09-2	Methylene chloride	0.33	46	ND [0.0064] QN	ND [0.0058]	ND [0.0058]	ND [0.0070] QN	ND [0.0061] QN	ND [0.0065]
SW8260C	mg/kg	1634-04-4	Methyl-tert-butyl ether (MTBE)	0.4	67	ND [0.0032] QN	ND [0.0029]	ND [0.0029]	ND [0.0035] QN	ND [0.0031] QN	ND [0.0032]
SW8260C	mg/kg	179601-23-1	m-Xylene & p-Xylene	NA	NA	ND [0.0064] QN	ND [0.0058]	ND [0.0058]	ND [0.0070] QN	ND [0.0061] QN	ND [0.0065]
SW8260C	mg/kg	91-20-3	Naphthalene	0.038	2.9	--	ND [0.0029]	--	--	--	--
SW8260C	mg/kg	104-51-8	n-Butylbenzene	20	2	ND [0.0032] QN	ND [0.0029]	ND [0.0029]	ND [0.0035] QN	ND [0.0031] QN	ND [0.0032]
SW8260C	mg/kg	103-65-1	n-Propylbenzene	9.1	5.2	ND [0.0064] QN	ND [0.0058]	ND [0.0058]	ND [0.0070] QN	ND [0.0061] QN	ND [0.0065]
SW8260C	mg/kg	95-47-6	o-Xylene	NA	NA	ND [0.0064] QN	ND [0.0058]	ND [0.0058]	ND [0.0070] QN	ND [0.0061] QN	ND [0.0065]
SW8260C	mg/kg	135-98-8	sec-Butylbenzene	28	2.8	ND [0.0032] QN	ND [0.0029]	ND [0.0029]	ND [0.0035] QN	ND [0.0031] QN	ND [0.0032]
SW8260C	mg/kg	100-42-5	Styrene	10	18	ND [0.0032] QN	ND [0.0029]	ND [0.0029]	ND [0.0035] QN	ND [0.0031] QN	ND [0.0032]
SW8260C	mg/kg	98-06-6	tert-Butylbenzene	11	3.6	ND [0.0064] QN	ND [0.0058]	ND [0.0058]	ND [0.0070] QN	ND [0.0061] QN	ND [0.0065]
SW8260C	mg/kg	127-18-4	Tetrachloroethene (PCE)	0.19	6.8	ND [0.0064] QN	ND [0.0058]	ND [0.0058]	0.0032 [0.0070] J, QN	0.0050 [0.0061] J, QN	ND [0.0065]
SW8260C	mg/kg	108-88-3	Toluene	6.7	20	ND [0.0064] QN	0.0020 [0.0058] J, QN	0.0029 [0.0058] J	0.0056 [0.0070] J, QN	0.0033 [0.0061] J, QN	0.0041 [0.0065] J
SW8260C	mg/kg	10061-02-6	trans-1,3-Dichloropropene	NA	NA	ND [0.0032] QN	ND [0.0029]	ND [0.0029]	ND [0.0035] QN	ND [0.0031] QN	ND [0.0032]
SW8260C	mg/kg	75-69-4	Trichlorofluoromethane (Freon 11)	41	98	ND [0.013] QN	ND [0.012]	ND [0.012]	ND [0.014] QN	ND [0.012] QN	ND [0.013]
SW8260C	mg/kg	1330-20-7	Xylenes	1.5	5.7	ND [0.0128]	ND [0.0116]	ND [0.0116]	ND [0.014]	ND [0.0122]	ND [0.013]
SW8260C SIM	mg/kg	79-34-5	1,1,2,2-Tetrachloroethane	0.003	0.61	ND [0.00086] QN	ND [0.00078]	ND [0.00077]	ND [0.00093] QN	ND [0.00082] QN	ND [0.00087]
SW8260C SIM	mg/kg	79-00-5	1,1,2-Trichloroethane	0.0014	0.16	ND [0.00086] QN	ND [0.00078]	ND [0.00077]	ND [0.00093] QN	ND [0.00082] QN	ND [0.00087]
SW8260C SIM	mg/kg	107-06-2	1,2-Dichloroethane	0.0055	0.55	ND [0.00043] QN	ND [0.00039]	ND [0.00038]	ND [0.00047] QN	ND [0.00041] QN	ND [0.00043]
SW8260C SIM	mg/kg	75-27-4	Bromodichloromethane	0.0043	0.36	ND [0.00043] QN	ND [0.00039]	ND [0.00038]	ND [0.00047] QN	ND [0.00041] QN	ND [0.00043]
SW8260C SIM	mg/kg	74-83-9	Bromomethane	0.024	1	ND [0.0017] QN	ND [0.0016]	ND [0.0015]	ND [0.0019] QN	ND [0.0016] QN	ND [0.0017]
SW8260C SIM	mg/kg	67-66-3	Chloroform	0.0071	0.40	ND [0.0017] QN	ND [0.0016]	ND [0.0015]	ND [0.0019] QN	ND [0.0016] QN	ND [0.0017]
SW8260C SIM	mg/kg	124-48-1	Dibromochloromethane	0.0027	11	ND [0.00043] QN	ND [0.00039]	ND [0.00038]	ND [0.00047] QN	ND [0.00041] QN	ND [0.00043]
SW8260C SIM	mg/kg	79-01-6	Trichloroethene (TCE)	0.011	0.49	ND [0.00043] QN	ND [0.00039]	0.01 [0.00038]	ND [0.00047] QN	0.0011 [0.00041] QN	ND [0.00043]

						Sample ID	18-NLF-TP-09-S01	18-NLF-TP-09-S02	18-NLF-TP-09-S03	18-NLF-TP-10-S01	18-NLF-TP-10-S02	18-NLF-TP-11-S01
						Location ID	TP-09	TP-09	TP-09	TP-10	TP-10	TP-11
						Sample Date/Time	7/21/18 15:20	7/21/18 15:25	7/21/18 15:30	7/20/18 10:50	7/20/18 11:00	7/22/18 11:00
						Sample Delivery Group	320414141	320414141	320414141	320414141	320414141	320414141
						Matrix	Soil	Soil	Soil	Soil	Soil	Soil
						Sample Type	Primary	Field Duplicate	Primary	Primary	Primary	Primary
						Parent Sample		18-NLF-TP-09-S01				
Method	Units	CAS ID	Analyte	PAL[1]	CRSL[2]							
SW8260C SIM	mg/kg	75-01-4	Vinyl Chloride	0.0008	0.065		**ND [0.00086] QN**	ND [0.00078]	ND [0.00077]	**ND [0.00093] QN**	**ND [0.00082] QN**	**ND [0.00087]**
SW8270D	mg/kg	120-82-1	1,2,4-Trichlorobenzene	0.082	4.5		**1.4 [0.028] QN**	0.071 [0.028] J, QN	--	--	ND [0.0028]	ND [0.0030]
SW8270D	mg/kg	95-50-1	1,2-Dichlorobenzene	2.4	7.8		--	--	--	--	ND [0.0028]	ND [0.0030]
SW8270D	mg/kg	541-73-1	1,3-Dichlorobenzene	2.3	6.2		--	--	--	--	ND [0.0028]	ND [0.0030]
SW8270D	mg/kg	106-46-7	1,4-Dichlorobenzene	0.037	2.1		--	--	--	--	ND [0.0028]	ND [0.0030]
SW8270D	mg/kg	95-95-4	2,4,5-Trichlorophenol	28	820		ND [0.28]	ND [0.28]	ND [0.28]	ND [1.1]	ND [0.028]	ND [0.03]
SW8270D	mg/kg	88-06-2	2,4,6-Trichlorophenol	0.092	8.2		ND [0.028]	ND [0.028]	ND [0.028]	**ND [0.11]**	ND [0.0028]	ND [0.0030]
SW8270D	mg/kg	120-83-2	2,4-Dichlorophenol	0.21	25		ND [0.028]	ND [0.028]	ND [0.028]	ND [0.11]	ND [0.0028]	ND [0.0030]
SW8270D	mg/kg	105-67-9	2,4-Dimethylphenol	3.2	160		ND [0.056]	ND [0.056]	ND [0.056]	ND [0.23]	ND [0.0056]	ND [0.0059]
SW8270D	mg/kg	51-28-5	2,4-Dinitrophenol	0.34	16		**ND [2.2]**	**ND [2.3]**	**ND [2.2]**	**ND [9.1]**	ND [0.22]	ND [0.24]
SW8270D	mg/kg	121-14-2	2,4-Dinitrotoluene	0.024	2.3		**ND [0.028]**	**ND [0.028]**	**ND [0.028]**	**ND [0.11]**	ND [0.0028]	ND [0.0030]
SW8270D	mg/kg	606-20-2	2,6-Dinitrotoluene	0.005	0.47		**ND [0.028]**	**ND [0.028]**	**ND [0.028]**	**ND [0.11]**	ND [0.0028]	ND [0.0030]
SW8270D	mg/kg	95-57-8	2-Chlorophenol	0.71	51		ND [0.028]	ND [0.028]	ND [0.028]	ND [0.11]	ND [0.0028]	ND [0.0030]
SW8270D	mg/kg	91-57-6	2-Methylnaphthalene	1.3	31		--	--	--	0.13 [0.11] J	--	--
SW8270D	mg/kg	88-75-5	2-Nitrophenol	NA	NA		ND [0.028]	ND [0.028]	ND [0.028]	ND [0.11]	ND [0.0028]	ND [0.0030]
SW8270D	mg/kg	15831-10-4	3 & 4 METHYLPHENOL	NA	NA		ND [0.028]	ND [0.028]	ND [0.028]	ND [0.11]	ND [0.0028]	ND [0.0030]
SW8270D	mg/kg	91-94-1	3,3'-Dichlorobenzidine	0.056	1.6		**ND [0.56]**	**ND [0.56]**	**ND [0.56]**	**ND [2.3]**	**ND [0.056]**	**ND [0.059]**
SW8270D	mg/kg	99-09-2	3-Nitroaniline	NA	NA		ND [0.28]	ND [0.28]	ND [0.28]	ND [1.1]	ND [0.028]	ND [0.03]
SW8270D	mg/kg	101-55-3	4-Bromophenyl-phenylether	NA	NA		ND [0.28]	ND [0.28]	ND [0.28]	ND [1.1]	ND [0.028]	ND [0.03]
SW8270D	mg/kg	7005-72-3	4-Chlorophenyl-phenylether	NA	NA		ND [0.028]	ND [0.028]	ND [0.028]	ND [0.11]	ND [0.0028]	ND [0.0030]
SW8270D	mg/kg	100-02-7	4-Nitrophenol	NA	NA		--	--	--	--	ND [0.056]	ND [0.059]
SW8270D	mg/kg	120-12-7	Anthracene	390	2300		--	0.047 [0.028] J, QN	--	0.46 [0.11] J	--	0.014 [0.0030] J
SW8270D	mg/kg	56-55-3	Benz[a]anthracene	0.7	1.4		--	0.12 [0.028] J	--	0.67 [0.11] J	--	0.06 [0.0030]
SW8270D	mg/kg	50-32-8	Benzo(a)pyrene	1.5	0.15		--	--	--	--	--	--
SW8270D	mg/kg	205-99-2	Benzo(b)fluoranthene	15	1.5		--	--	--	--	--	--
SW8270D	mg/kg	207-08-9	Benzo(k)fluoranthene	150	15		--	--	--	0.3 [0.23] J	--	--
SW8270D	mg/kg	100-51-6	Benzyl Alcohol	5.7	820		ND [0.56]	ND [0.56]	ND [0.56]	ND [2.3]	ND [0.056]	ND [0.059]
SW8270D	mg/kg	91-58-7	Beta-Chloronaphthalene	26	620		ND [0.028]	ND [0.028]	ND [0.028]	ND [0.11]	ND [0.0028]	ND [0.0030]
SW8270D	mg/kg	108-60-1	Bis(2-chloro-1-methylethyl) ether	NA	NA		ND [0.056]	ND [0.056]	ND [0.056]	ND [0.23]	ND [0.0056]	ND [0.0059]
SW8270D	mg/kg	111-91-1	Bis(2-chloroethoxy)methane	NA	NA		ND [0.028]	ND [0.028]	ND [0.028]	ND [0.11]	ND [0.0028]	ND [0.0030]
SW8270D	mg/kg	117-81-7	Bis(2-ethylhexyl)phthalate	88	50		ND [0.56]	ND [0.56]	0.33 [0.56] B, J, QH	1.3 [2.3] B, J, QH	0.049 [0.056] B, J	0.052 [0.059] B, J
SW8270D	mg/kg	85-68-7	Butyl Benzyl Phthalate	16	370		ND [0.28]	ND [0.28]	ND [0.28]	ND [1.1]	ND [0.028]	ND [0.03]
SW8270D	mg/kg	86-74-8	Carbazole	NA	NA		ND [0.028]	ND [0.028]	ND [0.028]	ND [0.11]	ND [0.0028]	ND [0.0030]
SW8270D	mg/kg	218-01-9	Chrysene	600	150		0.36 [0.028] J, QN	0.38 [0.028] QN	--	0.75 [0.11] J	--	0.071 [0.0030]
SW8270D	mg/kg	59-50-7	Cresol, p-chloro-m-	NA	NA		ND [0.028]	ND [0.028]	ND [0.028]	ND [0.11]	ND [0.0028]	ND [0.0030]
SW8270D	mg/kg	132-64-9	Dibenzofuran	0.97	9.5		ND [0.028]	ND [0.028]	ND [0.028]	ND [0.11]	ND [0.0028]	ND [0.0030]
SW8270D	mg/kg	84-74-2	Dibutyl Phthalate	16	820		ND [0.28]	ND [0.28]	ND [0.28]	ND [1.1]	ND [0.028]	ND [0.03]
SW8270D	mg/kg	84-66-2	Diethyl Phthalate	60	6600		ND [0.028]	ND [0.028]	ND [0.028]	ND [0.11]	ND [0.0028]	ND [0.0030]
SW8270D	mg/kg	131-11-3	Dimethylphthalate	48	6600		ND [0.028]	ND [0.028]	ND [0.028]	ND [0.11]	ND [0.0028]	ND [0.0030]
SW8270D	mg/kg	534-52-1	Dinitro-o-cresol, 4,6-	NA	NA		ND [2.2]	ND [2.3]	ND [2.2]	ND [9.1]	ND [0.22]	ND [0.24]
SW8270D	mg/kg	117-84-0	di-N-Octyl Phthalate	370	82		ND [0.056]	ND [0.056]	ND [0.056]	ND [0.23]	ND [0.0056]	ND [0.0059]

						Sample ID	18-NLF-TP-09-S01	18-NLF-TP-09-S02	18-NLF-TP-09-S03	18-NLF-TP-10-S01	18-NLF-TP-10-S02	18-NLF-TP-11-S01
						Location ID	TP-09	TP-09	TP-09	TP-10	TP-10	TP-11
						Sample Date/Time	7/21/18 15:20	7/21/18 15:25	7/21/18 15:30	7/20/18 10:50	7/20/18 11:00	7/22/18 11:00
						Sample Delivery Group	320414141	320414141	320414141	320414141	320414141	320414141
						Matrix	Soil	Soil	Soil	Soil	Soil	Soil
						Sample Type	Primary	Field Duplicate	Primary	Primary	Primary	Primary
						Parent Sample		18-NLF-TP-09-S01				
Method	Units	CAS ID	Analyte	PAL[1]	CRSL[2]							
SW8270D	mg/kg	206-44-0	Fluoranthene	590	310	--	0.27 [0.028] J	--	1.5 [0.11]	--	0.13 [0.0030]	
SW8270D	mg/kg	87-68-3	Hexachlorobutadiene	0.02	0.33	--	--	--	--	ND [0.0028]	ND [0.0030]	
SW8270D	mg/kg	67-72-1	Hexachloroethane	0.018	1.7	**ND [0.028]**	**ND [0.028]**	**ND [0.028]**	**ND [0.11]**	ND [0.0028]	ND [0.0030]	
SW8270D	mg/kg	193-39-5	Indeno(1,2,3-cd)pyrene	15	1.5	--	0.047 [0.056] J	--	0.23 [0.23] J	--	--	
SW8270D	mg/kg	78-59-1	Isophorone	2.7	740	ND [0.028]	ND [0.028]	ND [0.028]	ND [0.11]	ND [0.0028]	ND [0.0030]	
SW8270D	mg/kg	88-74-4	Nitroaniline, 2-	NA	NA	ND [0.028]	ND [0.028]	ND [0.028]	ND [0.11]	ND [0.0028]	ND [0.0030]	
SW8270D	mg/kg	100-01-6	Nitroaniline, 4-	NA	NA	ND [0.028]	ND [0.028]	ND [0.028]	ND [0.11]	ND [0.0028]	ND [0.0030]	
SW8270D	mg/kg	98-95-3	Nitrobenzene	0.0079	4.3	**ND [0.028]**	**ND [0.028]**	**ND [0.028]**	**ND [0.11]**	ND [0.0028]	ND [0.0030]	
SW8270D	mg/kg	62-75-9	N-Nitrosodimethylamine	0.0000033	0.0026	**ND [0.28]**	**ND [0.28]**	**ND [0.28]**	**ND [1.1]**	**ND [0.028]**	**ND [0.03]**	
SW8270D	mg/kg	86-30-6	N-Nitrosodiphenylamine	4.6	140	ND [0.056]	ND [0.056]	ND [0.056]	ND [0.23]	ND [0.0056]	ND [0.0059]	
SW8270D	mg/kg	95-48-7	o-Cresol	6.2	410	ND [0.028]	ND [0.028]	ND [0.028]	ND [0.11]	ND [0.0028]	ND [0.0030]	
SW8270D	mg/kg	106-47-8	p-Chloroaniline	0.015	3.5	**ND [0.28]**	**ND [0.28]**	**ND [0.28]**	**ND [1.1]**	**ND [0.028]**	**ND [0.03]**	
SW8270D	mg/kg	85-01-8	Phenanthrene	39	230	--	0.19 [0.028] J	--	1.8 [0.11]	--	0.065 [0.0030]	
SW8270D	mg/kg	108-95-2	Phenol	29	2500	ND [0.28]	ND [0.28]	ND [0.28]	ND [1.1]	ND [0.028]	ND [0.03]	
SW8270D	mg/kg	129-00-0	Pyrene	87	230	--	0.3 [0.056] J	--	1.5 [0.23]	--	0.11 [0.0059]	
SW8270D SIM	mg/kg	90-12-0	1-Methylnaphthalene	0.41	6.8	ND [0.0057]	ND [0.0056]	ND [0.0010]	0.024 [0.0011]	ND [0.0012]	0.0011 [0.0011] J	
SW8270D SIM	mg/kg	91-57-6	2-Methylnaphthalene	1.3	31	ND [0.0057]	ND [0.0056]	ND [0.0010]	--	ND [0.0012]	0.0015 [0.0011] J	
SW8270D SIM	mg/kg	83-32-9	Acenaphthene	37	460	0.012 [0.0057] J, QN	ND [0.0056] QN	ND [0.0010]	0.0033 [0.0011] J	ND [0.0012]	0.0034 [0.0011] J	
SW8270D SIM	mg/kg	208-96-8	Acenaphthylene	18	230	ND [0.0057]	ND [0.0056]	ND [0.0010]	ND [0.0011]	ND [0.0012]	0.00037 [0.0011] J	
SW8270D SIM	mg/kg	120-12-7	Anthracene	390	2300	0.033 [0.0057] QN	--	ND [0.0010]	--	ND [0.0012]	--	
SW8270D SIM	mg/kg	56-55-3	Benz[a]anthracene	0.7	1.4	0.15 [0.0057] QN	--	ND [0.0010]	--	ND [0.0012]	--	
SW8270D SIM	mg/kg	50-32-8	Benzo(a)pyrene	1.5	0.15	0.12 [0.0057] QN	0.035 [0.0056] QN	ND [0.0010]	0.018 [0.0011]	ND [0.0012]	0.064 [0.0011]	
SW8270D SIM	mg/kg	205-99-2	Benzo(b)fluoranthene	15	1.5	0.14 [0.011] QN	0.044 [0.011] QN	0.00060 [0.0021] J	0.024 [0.0022]	ND [0.0023]	0.076 [0.0022]	
SW8270D SIM	mg/kg	207-08-9	Benzo(k)fluoranthene	150	15	0.1 [0.011]	0.096 [0.011]	ND [0.0021]	--	ND [0.0023]	0.03 [0.0022]	
SW8270D SIM	mg/kg	191-24-2	Benzo[g,h,i]perylene	2300	230	0.066 [0.017] QN	0.021 [0.017] J, QN	ND [0.0031]	0.013 [0.0032]	ND [0.0035]	0.045 [0.0033]	
SW8270D SIM	mg/kg	111-44-4	Bis(2-chloroethyl)ether	0.00042	0.28	**ND [0.015]**	**ND [0.013]**	**ND [0.0026]**	**ND [0.027]**	**ND [0.0026]**	**ND [0.0030]**	
SW8270D SIM	mg/kg	218-01-9	Chrysene	600	150	--	--	ND [0.0010]	--	0.00049 [0.0012] J	--	
SW8270D SIM	mg/kg	53-70-3	Dibenz[a,h]anthracene	1.5	0.15	0.022 [0.017] J	0.0070 [0.017] J	ND [0.0031]	0.0036 [0.0032] J	ND [0.0035]	0.014 [0.0033]	
SW8270D SIM	mg/kg	206-44-0	Fluoranthene	590	310	0.27 [0.0057] QN	--	0.00042 [0.0010] J	--	ND [0.0012]	--	
SW8270D SIM	mg/kg	86-73-7	Fluorene	36	310	0.0087 [0.0057] J, QN	ND [0.0056] QN	ND [0.0010]	0.0037 [0.0011] J	ND [0.0012]	0.0031 [0.0011] J	
SW8270D SIM	mg/kg	118-74-1	Hexachlorobenzene	0.0082	0.20	**0.014 [0.015] J**	**0.012 [0.013] J**	ND [0.0026]	**ND [0.027]**	ND [0.0026]	ND [0.0030]	
SW8270D SIM	mg/kg	77-47-4	Hexachlorocyclopentadiene	0.0093	0.14	ND [0.0074]	ND [0.0067]	ND [0.0013]	**ND [0.013]**	ND [0.0013]	ND [0.0015]	
SW8270D SIM	mg/kg	193-39-5	Indeno(1,2,3-cd)pyrene	15	1.5	0.077 [0.0057] QN	--	ND [0.0010]	--	ND [0.0012]	0.051 [0.0011]	
SW8270D SIM	mg/kg	91-20-3	Naphthalene	0.038	2.9	0.0032 [0.0057] J, QN	--	0.00039 [0.0010] J	0.017 [0.0011]	ND [0.0012]	0.0022 [0.0011] J	
SW8270D SIM	mg/kg	621-64-7	N-Nitroso-di-N-propylamine	0.00068	0.100	**ND [0.015]**	**ND [0.013]**	**ND [0.0026]**	**ND [0.027]**	**ND [0.0026]**	**ND [0.0030]**	
SW8270D SIM	mg/kg	87-86-5	Pentachlorophenol	0.0043	1.3	**0.013 [0.029] B, J**	**0.012 [0.027] B, J**	0.0024 [0.0053] B, J	**0.022 [0.053] B, J**	0.0027 [0.0052] B, J	0.0030 [0.0059] B, J	
SW8270D SIM	mg/kg	85-01-8	Phenanthrene	39	230	0.084 [0.0057] QN	--	0.0015 [0.0010] J	--	0.00072 [0.0012] J	--	
SW8270D SIM	mg/kg	129-00-0	Pyrene	87	230	0.28 [0.0057] QN	--	0.00055 [0.0010] J	--	ND [0.0012]	--	

						Sample ID	18-NLF-TP-11-S02	18-NLF-TP-12-S01	18-NLF-TP-12-S02	18-NLF-TP-12-S03	18-NLF-TP-12-S04	18-NLF-TP-13-S01
						Location ID	TP-11	TP-12	TP-12	TP-12	TP-12	TP-13B
						Sample Date/Time	7/22/18 11:15	7/25/18 9:45	7/25/18 9:50	7/25/18 9:55	7/26/18 16:30	7/22/18 16:50
						Sample Delivery Group	320414141	320415601	320415601	320415601	320416481	320414631
						Matrix	Soil	Soil	Soil	Soil	Soil	Soil
						Sample Type	Primary	Primary	Field Duplicate	Primary	Primary	Primary
						Parent Sample			18-NLF-TP-12-S01			
Method	Units	CAS ID	Analyte	PAL[1]	CRSL[2]							
AK101	mg/kg	GRO	Gas Range Organics	300	NA		0.27 [0.54] B, J	1.8 [1.7] B, J, QN	1.2 [1.8] B, J, QN	0.65 [0.77] B, J	0.85 [1.6] B, J	1.1 [1.2] B, J, QN
AK102	mg/kg	DRO	Diesel Range Organics	250	NA		0.86 [1.1] J	12 [1.3]	15 [1.3]	**280 [10]**	150 [2.3] QH	**1300 [22]**
AK103	mg/kg	RRO	Residual Range Organics	10000	NA		4.2 [11] J	110 [13]	120 [13]	570 [100]	340 [23] QH	1500 [220]
SW6020A	mg/kg	7440-38-2	Arsenic	0.2	0.88		**2.6 [0.13]**	**3.6 [0.19]**	**4.1 [0.22]**	**3.8 [0.15]**	**4.2 [0.13]**	**8.5 [0.17] QN**
SW6020A	mg/kg	7440-39-3	Barium	2100	2000		81 [0.13]	120 [0.19]	150 [0.22]	68 [0.15]	90 [0.13]	160 [0.17] QN
SW6020A	mg/kg	7440-43-9	Cadmium	9.1	9.2		0.12 [0.067] J	0.15 [0.095] J	0.13 [0.11] J	0.21 [0.074]	1.4 [0.063]	0.38 [0.086]
SW6020A	mg/kg	7440-47-3	Chromium	100000	10000		9.3 [0.084]	9.8 [0.12]	9.4 [0.14]	11 [0.092]	31 [0.078]	22 [0.11] QN
SW6020A	mg/kg	7439-92-1	Lead	400	40		2.5 [0.064]	11 [0.091]	9.7 [0.11]	9.5 [0.070]	120 [0.060]	130 [0.082] QN
SW6020A	mg/kg	7440-02-0	Nickel	340	200		8.9 [0.17]	10 [0.24]	9.9 [0.28]	11 [0.18]	33 [0.16]	23 [0.22] QN
SW6020A	mg/kg	7782-49-2	Selenium	6.9	51		0.76 [0.34]	0.88 [0.48]	0.94 [0.56]	0.59 [0.37]	0.91 [0.31]	5.7 [0.43]
SW6020A	mg/kg	7440-22-4	Silver	11	51		0.017 [0.017] J	0.061 [0.024] J	0.058 [0.028] J	0.063 [0.018] J	0.39 [0.016]	0.29 [0.022]
SW6020A	mg/kg	7440-62-2	Vanadium	510	51		52 [0.34]	64 [0.48]	65 [0.56]	57 [0.37]	56 [0.31]	82 [0.43]
SW7471B	mg/kg	7439-97-6	Mercury	0.36	0.31		0.011 [0.026] J	0.035 [0.032] J	0.046 [0.030] J	0.016 [0.027] J	0.032 [0.029] J	0.028 [0.026] J
SW8011	mg/kg	96-18-4	1,2,3-Trichloropropane	0.000031	0.0066		**ND [0.0017] H**	**ND [0.00021] QL**	**ND [0.00021] QL**	**ND [0.00017] QL**	**ND [0.00017] QL**	**ND [0.00018] H, QL**
SW8011	mg/kg	106-93-4	1,2-Dibromoethane	0.00024	0.042		**ND [0.00042] H**	ND [0.000052] QL	ND [0.000053] QL	ND [0.000043] QL	ND [0.000043] QL	ND [0.000045] H, QL
SW8081B	mg/kg	309-00-2	Aldrin	0.0099	0.049		ND [0.00058]	ND [0.0032]	ND [0.0032]	ND [0.0011]	ND [0.0012]	**ND [0.29]**
SW8081B	mg/kg	319-84-6	Alpha-Hexachlorocyclohexane	0.0029	0.11		ND [0.00058]	**ND [0.0032]**	**ND [0.0032]**	ND [0.0011]	ND [0.0012]	**ND [0.29]**
SW8081B	mg/kg	319-85-7	Beta-Hexachlorocyclohexane	0.01	0.39		ND [0.00058]	ND [0.0032] QN	**0.054 [0.0032] QN**	ND [0.0011]	ND [0.0012]	**ND [0.29]**
SW8081B	mg/kg	12789-03-6	Chlordane	0.18	2.2		ND [0.023]	ND [0.13]	ND [0.13]	ND [0.045]	ND [0.048]	**ND [12]**
SW8081B	mg/kg	5103-71-9	CIS-CHLORDANE	NA	NA		ND [0.00058]	ND [0.0032]	ND [0.0032]	ND [0.0011]	ND [0.0012]	ND [0.29]
SW8081B	mg/kg	72-54-8	DDD	0.098	0.25		ND [0.00058]	ND [0.0032]	ND [0.0032]	ND [0.0011]	ND [0.0012]	**ND [0.29]**
SW8081B	mg/kg	50-29-3	DDT	5.1	2.4		ND [0.0012] QL	ND [0.0065] QL	ND [0.0063] QL	ND [0.0022] QL	ND [0.0024] QL	ND [0.58]
SW8081B	mg/kg	319-86-8	DELTA-BHC	NA	NA		ND [0.00058]	ND [0.0032] QN	0.0056 [0.0032] J, QN	ND [0.0011]	ND [0.0012]	ND [0.29]
SW8081B	mg/kg	60-57-1	Dieldrin	0.0047	0.044		ND [0.00058]	ND [0.0032]	ND [0.0032]	ND [0.0011]	ND [0.0012]	**ND [0.29]**
SW8081B	mg/kg	115-29-7	Endosulfan (I + II)	9.3	61		ND [0.00116]	ND [0.0064]	ND [0.0064]	ND [0.0022]	0.0047 [0.0024]	ND [0.58]
SW8081B	mg/kg	959-98-8	ENDOSULFAN I	NA	NA		ND [0.00058]	ND [0.0032]	ND [0.0032]	ND [0.0011]	0.0035 [0.0012] J, QN	ND [0.29]
SW8081B	mg/kg	33213-65-9	ENDOSULFAN II	NA	NA		ND [0.00058]	ND [0.0032]	ND [0.0032]	ND [0.0011]	ND [0.0012]	ND [0.29]
SW8081B	mg/kg	1031-07-8	ENDOSULFAN SULFATE	NA	NA		ND [0.0012]	ND [0.0065]	ND [0.0063]	ND [0.0022] QL	ND [0.0024]	ND [0.58]
SW8081B	mg/kg	72-20-8	Endrin	0.61	2.5		ND [0.00031]	ND [0.0017]	ND [0.0017]	ND [0.00060]	ND [0.00064]	ND [0.16]
SW8081B	mg/kg	7421-93-4	ENDRIN ALDEHYDE	NA	NA		ND [0.0012]	ND [0.0065]	ND [0.0063]	ND [0.0022]	ND [0.0024]	ND [0.58]
SW8081B	mg/kg	53494-70-5	ENDRIN KETONE	NA	NA		ND [0.0012]	ND [0.0065]	ND [0.0063]	ND [0.0022]	ND [0.0024]	ND [0.58]
SW8081B	mg/kg	58-89-9	Gamma- (Lindane)Hexachlorocyclohexane	0.016	0.74		ND [0.00058]	ND [0.0032]	ND [0.0032]	ND [0.0011]	0.00076 [0.0012] J	**ND [0.29]**
SW8081B	mg/kg	76-44-8	Heptachlor	0.0076	0.16		ND [0.00058]	ND [0.0032]	ND [0.0032]	ND [0.0011]	ND [0.0012]	**ND [0.29]**
SW8081B	mg/kg	1024-57-3	Heptachlor Epoxide	0.0019	0.086		ND [0.00031]	ND [0.0017]	ND [0.0017]	ND [0.00060]	0.0016 [0.00064] J, QN	**ND [0.16]**
SW8081B	mg/kg	72-43-5	Methoxychlor	13	41		ND [0.0035]	ND [0.019] QL	ND [0.019] QL	R	ND [0.0071]	ND [1.7]
SW8081B	mg/kg	72-55-9	p,p'-DDE	0.72	2.5		ND [0.00058]	ND [0.0032]	ND [0.0032]	ND [0.0011]	ND [0.0012]	ND [0.29]
SW8081B	mg/kg	8001-35-2	Toxaphene	0.72	0.64		ND [0.058]	ND [0.32] QL	ND [0.32] QL	ND [0.11] QL	ND [0.12]	**ND [29]**
SW8081B	mg/kg	5103-74-2	TRANS-CHLORDANE	NA	NA		ND [0.00031]	ND [0.0017]	ND [0.0017]	ND [0.00060]	ND [0.00064]	ND [0.16]
SW8082A	mg/kg	12674-11-2	Aroclor 1016	NA	NA		ND [0.012]	ND [0.026] QL	ND [0.063]	ND [0.056]	ND [0.024]	ND [5.8]
SW8082A	mg/kg	11104-28-2	Aroclor 1221	NA	NA		ND [0.017]	ND [0.039] QL	ND [0.095]	ND [0.084]	ND [0.036]	ND [8.7]
SW8082A	mg/kg	11141-16-5	Aroclor 1232	NA	NA		ND [0.023]	ND [0.052] QL	ND [0.13]	ND [0.11]	ND [0.048]	ND [12]

						Sample ID	18-NLF-TP-11-S02	18-NLF-TP-12-S01	18-NLF-TP-12-S02	18-NLF-TP-12-S03	18-NLF-TP-12-S04	18-NLF-TP-13-S01
						Location ID	TP-11	TP-12	TP-12	TP-12	TP-12	TP-13B
						Sample Date/Time	7/22/18 11:15	7/25/18 9:45	7/25/18 9:50	7/25/18 9:55	7/26/18 16:30	7/22/18 16:50
						Sample Delivery Group	320414141	320415601	320415601	320415601	320416481	320414631
						Matrix	Soil	Soil	Soil	Soil	Soil	Soil
						Sample Type	Primary	Primary	Field Duplicate	Primary	Primary	Primary
						Parent Sample			18-NLF-TP-12-S01			
Method	Units	CAS ID	Analyte	PAL[1]	CRSL[2]							
SW8082A	mg/kg	53469-21-9	Aroclor 1242	NA	NA		ND [0.023]	ND [0.052] QL	ND [0.13]	ND [0.11]	ND [0.048]	ND [12]
SW8082A	mg/kg	12672-29-6	Aroclor 1248	NA	NA		ND [0.017]	ND [0.039] QL	ND [0.095]	ND [0.084]	ND [0.036]	ND [8.7]
SW8082A	mg/kg	11097-69-1	Aroclor 1254	NA	NA		ND [0.012]	0.56 [0.026] QN	1.2 [0.063]	0.63 [0.056] QN	ND [0.024]	ND [5.8]
SW8082A	mg/kg	11096-82-5	Aroclor 1260	NA	NA		ND [0.012]	ND [0.026] QN	ND [0.063]	ND [0.056]	0.25 [0.024]	180 [5.8]
SW8082A	mg/kg	PCBS	PCBS	1	NA		ND	0.56 [0.26]	**1.2 [0.639]**	0.63 [0.556]	0.25 [0.24]	**180 [58.8]**
SW8151A	mg/kg	93-76-5	2,4,5-Trichlorophenoxyacetic Acid	0.66	82		ND [0.083]	ND [0.51]	ND [0.52]	ND [0.084]	ND [0.089]	ND [0.43]
SW8151A	mg/kg	94-75-7	2,4-Dichlorophenoxy Acetic Acid	0.53	91		ND [0.083]	ND [0.51]	ND [0.52]	ND [0.084]	ND [0.089]	ND [0.43]
SW8151A	mg/kg	100-02-7	4-Nitrophenol	NA	NA		--	ND [0.51]	ND [0.52]	ND [0.084]	ND [0.089]	ND [0.43]
SW8151A	mg/kg	94-82-6	Butanoic acid, 4-(2,4-dichlorophenoxy)-	NA	NA		ND [0.083]	ND [0.51]	ND [0.52]	ND [0.084]	ND [0.089]	ND [0.43]
SW8151A	mg/kg	75-99-0	Dalapon	NA	NA		ND [0.12]	ND [0.77]	ND [0.78]	ND [0.13]	ND [0.13]	ND [0.65]
SW8151A	mg/kg	1918-00-9	Dicamba	NA	NA		ND [0.083]	ND [0.51]	ND [0.52]	ND [0.084]	ND [0.089]	ND [0.43]
SW8151A	mg/kg	120-36-5	Dichlorprop	NA	NA		ND [0.083]	ND [0.51]	ND [0.52]	ND [0.084]	ND [0.089]	ND [0.43]
SW8151A	mg/kg	88-85-7	Dinoseb	NA	NA		ND [0.12]	ND [0.77]	ND [0.78]	ND [0.13]	ND [0.13]	ND [0.65]
SW8151A	mg/kg	94-74-6	MCPA	NA	NA		ND [0.083]	ND [0.51]	ND [0.52]	ND [0.084]	ND [0.089]	ND [0.43]
SW8151A	mg/kg	93-65-2	MCPP	NA	NA		ND [0.083]	ND [0.51]	ND [0.52]	ND [0.084]	ND [0.089]	ND [0.43]
SW8151A	mg/kg	87-86-5	Pentachlorophenol	0.0043	1.3		--	--	--	--	--	--
SW8151A	mg/kg	93-72-1	Trichlorophenoxypropionic acid, -2,4,5	0.55	66		ND [0.083]	ND [0.51]	ND [0.52]	ND [0.084]	ND [0.089]	ND [0.43]
SW8260C	mg/kg	630-20-6	1,1,1,2-Tetrachloroethane	0.022	2.1		ND [0.0041]	ND [0.013] QN	ND [0.014] QN	ND [0.0058]	ND [0.012]	ND [0.0092] QN
SW8260C	mg/kg	71-55-6	1,1,1-Trichloroethane	32	36		ND [0.0020]	ND [0.0064] QN	ND [0.0069] QN	ND [0.0029]	ND [0.0060]	ND [0.0046] QN
SW8260C	mg/kg	75-34-3	1,1-Dichloroethane	0.092	4.6		ND [0.0020]	ND [0.0064] QN	ND [0.0069] QN	ND [0.0029]	ND [0.0060]	ND [0.0046] QN
SW8260C	mg/kg	75-35-4	1,1-Dichloroethene	1.2	33		ND [0.0041]	ND [0.013] QN	ND [0.014] QN	ND [0.0058]	ND [0.012]	ND [0.0092] QN
SW8260C	mg/kg	563-58-6	1,1-Dichloropropene	NA	NA		ND [0.0041]	ND [0.013] QN	ND [0.014] QN	ND [0.0058]	ND [0.012]	ND [0.0092] QN
SW8260C	mg/kg	87-61-6	1,2,3-Trichlorobenzene	0.15	8.1		ND [0.0041]	ND [0.013] QN	ND [0.014] QN	ND [0.0058]	ND [0.012]	0.029 [0.0092] J, QN
SW8260C	mg/kg	96-18-4	1,2,3-Trichloropropane	0.000031	0.0066		**ND [0.0041]**	**ND [0.013] QN**	**ND [0.014] QN**	**ND [0.0058]**	**ND [0.012]**	**ND [0.0092] QN**
SW8260C	mg/kg	120-82-1	1,2,4-Trichlorobenzene	0.082	4.5		ND [0.0020]	ND [0.0064] QN	ND [0.0069] QN	ND [0.0029]	ND [0.0060]	ND [0.0046] QN
SW8260C	mg/kg	95-63-6	1,2,4-Trimethylbenzene	0.61	4.3		ND [0.0020]	ND [0.0064] QN	ND [0.0069] QN	ND [0.0029]	ND [0.0060]	ND [0.0046] QN
SW8260C	mg/kg	156-59-2	1,2-cis-Dichloroethylene	0.12	20		ND [0.0081]	ND [0.026] QN	ND [0.028] QN	ND [0.012]	ND [0.024]	ND [0.018] QN
SW8260C	mg/kg	96-12-8	1,2-Dibromo-3-chloropropane	NA	NA		ND [0.0081]	ND [0.026] QN	ND [0.028] QN	ND [0.012]	ND [0.024]	ND [0.018] QN
SW8260C	mg/kg	95-50-1	1,2-Dichlorobenzene	2.4	7.8		ND [0.0020]	ND [0.0064] QN	ND [0.0069] QN	ND [0.0029]	ND [0.0060]	0.025 [0.0046] J, QN
SW8260C	mg/kg	78-87-5	1,2-Dichloropropane	0.03	1.7		ND [0.0041]	ND [0.013] QN	ND [0.014] QN	ND [0.0058]	ND [0.012]	ND [0.0092] QN
SW8260C	mg/kg	156-60-5	1,2-trans-Dichloroethylene	1.3	96		ND [0.0041]	ND [0.013] QN	ND [0.014] QN	ND [0.0058]	ND [0.012]	ND [0.0092] QN
SW8260C	mg/kg	108-67-8	1,3,5-Trimethylbenzene	0.66	3.7		ND [0.0020]	ND [0.0064] QN	ND [0.0069] QN	ND [0.0029]	ND [0.0060]	ND [0.0046] QN
SW8260C	mg/kg	541-73-1	1,3-Dichlorobenzene	2.3	6.2		ND [0.0020]	ND [0.0064] QN	ND [0.0069] QN	ND [0.0029]	ND [0.0060]	ND [0.0046] QN
SW8260C	mg/kg	142-28-9	1,3-Dichloropropane	NA	NA		ND [0.0020]	ND [0.0064] QN	ND [0.0069] QN	ND [0.0029]	ND [0.0060]	ND [0.0046] QN
SW8260C	mg/kg	106-46-7	1,4-Dichlorobenzene	0.037	2.1		ND [0.0020]	ND [0.0064] QN	ND [0.0069] QN	ND [0.0029]	ND [0.0060]	ND [0.0046] QN
SW8260C	mg/kg	594-20-7	2,2-Dichloropropane	NA	NA		ND [0.0041]	ND [0.013] QN	ND [0.014] QN	ND [0.0058]	ND [0.012]	ND [0.0092] QN
SW8260C	mg/kg	78-93-3	2-Butanone	15	2300		ND [0.02]	ND [0.064] QN	ND [0.069] QN	ND [0.029]	ND [0.06]	ND [0.046] QN
SW8260C	mg/kg	95-49-8	2-Chlorotoluene	NA	NA		ND [0.0020]	ND [0.0064] QN	ND [0.0069] QN	ND [0.0029]	ND [0.0060]	ND [0.0046] QN
SW8260C	mg/kg	591-78-6	2-Hexanone	0.11	27		ND [0.0081]	ND [0.026] QN	ND [0.028] QN	ND [0.012]	ND [0.024]	ND [0.018] QN
SW8260C	mg/kg	106-43-4	4-Chlorotoluene	NA	NA		ND [0.0020]	ND [0.0064] QN	ND [0.0069] QN	ND [0.0029]	ND [0.0060]	ND [0.0046] QN
SW8260C	mg/kg	99-87-6	4-Isopropyltoluene	NA	NA		ND [0.0020]	ND [0.0064] QN	ND [0.0069] QN	ND [0.0029]	ND [0.0060]	ND [0.0046] QN

						Sample ID	18-NLF-TP-11-S02	18-NLF-TP-12-S01	18-NLF-TP-12-S02	18-NLF-TP-12-S03	18-NLF-TP-12-S04	18-NLF-TP-13-S01
						Location ID	TP-11	TP-12	TP-12	TP-12	TP-12	TP-13B
						Sample Date/Time	7/22/18 11:15	7/25/18 9:45	7/25/18 9:50	7/25/18 9:55	7/26/18 16:30	7/22/18 16:50
						Sample Delivery Group	320414141	320415601	320415601	320415601	320416481	320414631
						Matrix	Soil	Soil	Soil	Soil	Soil	Soil
						Sample Type	Primary	Primary	Field Duplicate	Primary	Primary	Primary
						Parent Sample			18-NLF-TP-12-S01			
Method	Units	CAS ID	Analyte	PAL[1]	CRSL[2]							
SW8260C	mg/kg	108-10-1	4-Methyl-2-pentanone	18	220	ND [0.0020]	ND [0.0064] QN	ND [0.0069] QN	ND [0.0029]	ND [0.0060]	ND [0.0046] QN
SW8260C	mg/kg	67-64-1	Acetone	38	8100	ND [0.027]	0.11 [0.085] J, QN	ND [0.092] QN	0.04 [0.038] J	0.11 [0.081] J	0.046 [0.062] J, QN
SW8260C	mg/kg	71-43-2	Benzene	0.022	1.1	ND [0.0020]	ND [0.0064] QN	ND [0.0069] QN	ND [0.0029]	ND [0.0060]	ND [0.0046] QN
SW8260C	mg/kg	108-86-1	Bromobenzene	0.36	16	ND [0.0041]	ND [0.013] QN	ND [0.014] QN	ND [0.0058]	ND [0.012]	ND [0.0092] QN
SW8260C	mg/kg	74-97-5	Bromochloromethane	NA	NA	ND [0.0081]	ND [0.026] QN	ND [0.028] QN	ND [0.012]	ND [0.024]	ND [0.018] QN
SW8260C	mg/kg	75-25-2	Bromoform	0.1	24	ND [0.0081]	ND [0.026] QN	ND [0.028] QN	ND [0.012]	ND [0.024]	ND [0.018] QN
SW8260C	mg/kg	75-15-0	Carbon disulfide	2.9	50	ND [0.0020]	ND [0.0064] QN	ND [0.0069] QN	ND [0.0029]	ND [0.0060]	ND [0.0046] QN
SW8260C	mg/kg	56-23-5	Carbon tetrachloride	0.021	0.91	ND [0.0020]	ND [0.0064] QN	ND [0.0069] QN	ND [0.0029]	ND [0.0060]	ND [0.0046] QN
SW8260C	mg/kg	108-90-7	Chlorobenzene	0.46	18	ND [0.0041]	ND [0.013] QN	ND [0.014] QN	ND [0.0058]	ND [0.012]	ND [0.0092] QN
SW8260C	mg/kg	75-00-3	Chloroethane	72	140	ND [0.0081]	ND [0.026] QN	ND [0.028] QN	ND [0.012]	ND [0.024]	ND [0.018] QN
SW8260C	mg/kg	74-87-3	Chloromethane	0.61	17	ND [0.0020]	ND [0.0064] QN	ND [0.0069] QN	ND [0.0029]	ND [0.0060]	ND [0.0046] QN
SW8260C	mg/kg	10061-01-5	cis-1,3-Dichloropropene	NA	NA	ND [0.0041]	ND [0.013] QN	ND [0.014] QN	ND [0.0058]	ND [0.012]	ND [0.0092] QN
SW8260C	mg/kg	98-82-8	Cumene	5.6	5.4	ND [0.0020]	ND [0.0064] QN	ND [0.0069] QN	ND [0.0029]	ND [0.0060]	ND [0.0046] QN
SW8260C	mg/kg	110-82-7	Cyclohexane	77	7.7	ND [0.014]	ND [0.043] QN	ND [0.046] QN	ND [0.019]	ND [0.04]	ND [0.031] QN
SW8260C	mg/kg	74-95-3	Dibromomethane	0.025	3.1	ND [0.0041]	ND [0.013] QN	ND [0.014] QN	ND [0.0058]	ND [0.012]	ND [0.0092] QN
SW8260C	mg/kg	75-71-8	Dichlorodifluoromethane (Freon 12)	3.9	15	ND [0.0081]	ND [0.026] QN	ND [0.028] QN	ND [0.012]	ND [0.024]	ND [0.018] QN
SW8260C	mg/kg	100-41-4	Ethylbenzene	0.13	4.9	ND [0.0041]	ND [0.013] QN	ND [0.014] QN	ND [0.0058]	0.0060 [0.012] J	ND [0.0092] QN
SW8260C	mg/kg	87-68-3	Hexachlorobutadiene	0.02	0.33	--	ND [0.013] QN	ND [0.014] QN	ND [0.0058]	ND [0.012]	ND [0.0092] QN
SW8260C	mg/kg	75-09-2	Methylene chloride	0.33	46	ND [0.0041]	ND [0.013] QN	ND [0.014] QN	ND [0.0058]	ND [0.012]	ND [0.0092] QN
SW8260C	mg/kg	1634-04-4	Methyl-tert-butyl ether (MTBE)	0.4	67	ND [0.0020]	ND [0.0064] QN	ND [0.0069] QN	ND [0.0029]	ND [0.0060]	ND [0.0046] QN
SW8260C	mg/kg	179601-23-1	m-Xylene & p-Xylene	NA	NA	ND [0.0041]	ND [0.013] QN	ND [0.014] QN	ND [0.0058]	0.0079 [0.012] B, J	ND [0.0092] QN
SW8260C	mg/kg	91-20-3	Naphthalene	0.038	2.9	--	--	--	--	--	--
SW8260C	mg/kg	104-51-8	n-Butylbenzene	20	2	ND [0.0020]	ND [0.0064] QN	ND [0.0069] QN	ND [0.0029]	ND [0.0060]	ND [0.0046] QN
SW8260C	mg/kg	103-65-1	n-Propylbenzene	9.1	5.2	ND [0.0041]	ND [0.013] QN	ND [0.014] QN	ND [0.0058]	ND [0.012]	ND [0.0092] QN
SW8260C	mg/kg	95-47-6	o-Xylene	NA	NA	ND [0.0041]	ND [0.013] QN	ND [0.014] QN	ND [0.0058]	0.0055 [0.012] J	ND [0.0092] QN
SW8260C	mg/kg	135-98-8	sec-Butylbenzene	28	2.8	ND [0.0020]	ND [0.0064] QN	ND [0.0069] QN	ND [0.0029]	ND [0.0060]	ND [0.0046] QN
SW8260C	mg/kg	100-42-5	Styrene	10	18	ND [0.0020]	ND [0.0064] QN	ND [0.0069] QN	ND [0.0029]	ND [0.0060]	ND [0.0046] QN
SW8260C	mg/kg	98-06-6	tert-Butylbenzene	11	3.6	ND [0.0041]	ND [0.013] QN	ND [0.014] QN	ND [0.0058]	ND [0.012]	ND [0.0092] QN
SW8260C	mg/kg	127-18-4	Tetrachloroethene (PCE)	0.19	6.8	ND [0.0041]	ND [0.013] QN	ND [0.014] QN	ND [0.0058]	ND [0.012]	ND [0.0092] QN
SW8260C	mg/kg	108-88-3	Toluene	6.7	20	0.0038 [0.0041] J	ND [0.013] QN	ND [0.014] QN	ND [0.0058]	0.0052 [0.012] B, J	0.011 [0.0092] B, J, QN
SW8260C	mg/kg	10061-02-6	trans-1,3-Dichloropropene	NA	NA	ND [0.0020]	ND [0.0064] QN	ND [0.0069] QN	ND [0.0029]	ND [0.0060]	ND [0.0046] QN
SW8260C	mg/kg	75-69-4	Trichlorofluoromethane (Freon 11)	41	98	ND [0.0081]	ND [0.026] QN	ND [0.028] QN	ND [0.012]	ND [0.024]	ND [0.018] QN
SW8260C	mg/kg	1330-20-7	Xylenes	1.5	5.7	ND [0.0082]	ND [0.026]	ND [0.028]	ND [0.0116]	0.0134 [0.024]	ND [0.0184]
SW8260C SIM	mg/kg	79-34-5	1,1,2,2-Tetrachloroethane	0.003	0.61	ND [0.00054]	ND [0.0017] QN	ND [0.0018] QN	ND [0.00077]	ND [0.0016]	ND [0.0012] QN
SW8260C SIM	mg/kg	79-00-5	1,1,2-Trichloroethane	0.0014	0.16	ND [0.00054]	**ND [0.0017] QN**	**ND [0.0018] QN**	ND [0.00077]	**ND [0.0016]**	ND [0.0012] QN
SW8260C SIM	mg/kg	107-06-2	1,2-Dichloroethane	0.0055	0.55	ND [0.00027]	ND [0.00085] QN	ND [0.00092] QN	ND [0.00038]	ND [0.00081]	ND [0.00062] QN
SW8260C SIM	mg/kg	75-27-4	Bromodichloromethane	0.0043	0.36	ND [0.00027]	ND [0.00085] QN	ND [0.00092] QN	ND [0.00038]	ND [0.00081]	ND [0.00062] QN
SW8260C SIM	mg/kg	74-83-9	Bromomethane	0.024	1	ND [0.0011]	ND [0.0034] QN	ND [0.0037] QN	ND [0.0015]	ND [0.0032]	ND [0.0025] QN
SW8260C SIM	mg/kg	67-66-3	Chloroform	0.0071	0.40	ND [0.0011]	ND [0.0034] QN	ND [0.0037] QN	ND [0.0015]	ND [0.0032]	ND [0.0025] QN
SW8260C SIM	mg/kg	124-48-1	Dibromochloromethane	0.0027	11	ND [0.00027]	ND [0.00085] QN	ND [0.00092] QN	ND [0.00038]	ND [0.00081]	ND [0.00062] QN
SW8260C SIM	mg/kg	79-01-6	Trichloroethene (TCE)	0.011	0.49	ND [0.00027]	ND [0.00085] QN	ND [0.00092] QN	ND [0.00038]	ND [0.00081]	0.0010 [0.00062] J, QN

						Sample ID	18-NLF-TP-11-S02	18-NLF-TP-12-S01	18-NLF-TP-12-S02	18-NLF-TP-12-S03	18-NLF-TP-12-S04	18-NLF-TP-13-S01
						Location ID	TP-11	TP-12	TP-12	TP-12	TP-12	TP-13B
						Sample Date/Time	7/22/18 11:15	7/25/18 9:45	7/25/18 9:50	7/25/18 9:55	7/26/18 16:30	7/22/18 16:50
						Sample Delivery Group	320414141	320415601	320415601	320415601	320416481	320414631
						Matrix	Soil	Soil	Soil	Soil	Soil	Soil
						Sample Type	Primary	Primary	Field Duplicate	Primary	Primary	Primary
						Parent Sample			18-NLF-TP-12-S01			
Method	Units	CAS ID	Analyte	PAL[1]	CRSL[2]							
SW8260C SIM	mg/kg	75-01-4	Vinyl Chloride	0.0008	0.065	ND [0.00054]	**ND [0.0017] QN**	**ND [0.0018] QN**	ND [0.00077]	**ND [0.0016]**	**ND [0.0012] QN**
SW8270D	mg/kg	120-82-1	1,2,4-Trichlorobenzene	0.082	4.5	--	--	--	--	--	--
SW8270D	mg/kg	95-50-1	1,2-Dichlorobenzene	2.4	7.8	--	--	--	--	--	--
SW8270D	mg/kg	541-73-1	1,3-Dichlorobenzene	2.3	6.2	--	--	--	--	--	--
SW8270D	mg/kg	106-46-7	1,4-Dichlorobenzene	0.037	2.1	--	--	--	--	--	--
SW8270D	mg/kg	95-95-4	2,4,5-Trichlorophenol	28	820	ND [0.028]	ND [0.67]	ND [0.65]	ND [2.8]	ND [0.58]	ND [1.4]
SW8270D	mg/kg	88-06-2	2,4,6-Trichlorophenol	0.092	8.2	ND [0.0028]	ND [0.067]	ND [0.065]	**ND [0.28]**	ND [0.058]	**ND [0.14]**
SW8270D	mg/kg	120-83-2	2,4-Dichlorophenol	0.21	25	ND [0.0028]	ND [0.067]	ND [0.065]	**ND [0.28]**	ND [0.058]	ND [0.14]
SW8270D	mg/kg	105-67-9	2,4-Dimethylphenol	3.2	160	ND [0.0055]	ND [0.13]	ND [0.13]	ND [0.56]	ND [0.12]	ND [0.28]
SW8270D	mg/kg	51-28-5	2,4-Dinitrophenol	0.34	16	ND [0.22]	**ND [5.4]**	**ND [5.2]**	**ND [22]**	**ND [4.7]**	**ND [11]**
SW8270D	mg/kg	121-14-2	2,4-Dinitrotoluene	0.024	2.3	ND [0.0028]	**ND [0.067]**	**ND [0.065]**	**ND [0.28]**	**ND [0.058]**	**ND [0.14]**
SW8270D	mg/kg	606-20-2	2,6-Dinitrotoluene	0.005	0.47	ND [0.0028]	**ND [0.067]**	**ND [0.065]**	**ND [0.28]**	**ND [0.058]**	**ND [0.14]**
SW8270D	mg/kg	95-57-8	2-Chlorophenol	0.71	51	ND [0.0028]	ND [0.067]	ND [0.065]	ND [0.28]	ND [0.058]	ND [0.14]
SW8270D	mg/kg	91-57-6	2-Methylnaphthalene	1.3	31	--	--	--	--	--	--
SW8270D	mg/kg	88-75-5	2-Nitrophenol	NA	NA	ND [0.0028]	ND [0.067]	ND [0.065]	ND [0.28]	ND [0.058]	ND [0.14]
SW8270D	mg/kg	15831-10-4	3 & 4 METHYLPHENOL	NA	NA	ND [0.0028]	ND [0.067]	ND [0.065]	ND [0.28]	ND [0.058]	ND [0.14]
SW8270D	mg/kg	91-94-1	3,3'-Dichlorobenzidine	0.056	1.6	ND [0.055]	**ND [1.3]**	**ND [1.3]**	**ND [5.6]**	**ND [1.2]**	**ND [2.8]**
SW8270D	mg/kg	99-09-2	3-Nitroaniline	NA	NA	ND [0.028]	ND [0.67]	ND [0.65]	ND [2.8]	ND [0.58]	ND [1.4]
SW8270D	mg/kg	101-55-3	4-Bromophenyl-phenylether	NA	NA	ND [0.028]	ND [0.67]	ND [0.65]	ND [2.8]	ND [0.58]	ND [1.4]
SW8270D	mg/kg	7005-72-3	4-Chlorophenyl-phenylether	NA	NA	ND [0.0028]	ND [0.067]	ND [0.065]	ND [0.28]	ND [0.058]	ND [0.14]
SW8270D	mg/kg	100-02-7	4-Nitrophenol	NA	NA	ND [0.055]	--	--	--	--	--
SW8270D	mg/kg	120-12-7	Anthracene	390	2300	--	--	--	--	--	--
SW8270D	mg/kg	56-55-3	Benz[a]anthracene	0.7	1.4	--	--	--	--	--	--
SW8270D	mg/kg	50-32-8	Benzo(a)pyrene	1.5	0.15	--	--	--	--	--	--
SW8270D	mg/kg	205-99-2	Benzo(b)fluoranthene	15	1.5	--	--	--	--	--	--
SW8270D	mg/kg	207-08-9	Benzo(k)fluoranthene	150	15	--	0.1 [0.13] J	--	--	--	--
SW8270D	mg/kg	100-51-6	Benzyl Alcohol	5.7	820	ND [0.055]	ND [1.3]	ND [1.3]	ND [5.6]	ND [1.2]	ND [2.8]
SW8270D	mg/kg	91-58-7	Beta-Chloronaphthalene	26	620	ND [0.0028]	ND [0.067]	ND [0.065]	ND [0.28]	ND [0.058]	ND [0.14]
SW8270D	mg/kg	108-60-1	Bis(2-chloro-1-methylethyl) ether	NA	NA	ND [0.0055]	ND [0.13]	ND [0.13]	ND [0.56]	ND [0.12]	ND [0.28]
SW8270D	mg/kg	111-91-1	Bis(2-chloroethoxy)methane	NA	NA	ND [0.0028]	ND [0.067]	ND [0.065]	ND [0.28]	ND [0.058]	ND [0.14]
SW8270D	mg/kg	117-81-7	Bis(2-ethylhexyl)phthalate	88	50	0.048 [0.055] B, J	ND [1.3]	ND [1.3]	ND [5.6]	ND [1.2]	ND [2.8]
SW8270D	mg/kg	85-68-7	Butyl Benzyl Phthalate	16	370	ND [0.028]	ND [0.67]	ND [0.65]	ND [2.8]	ND [0.58]	ND [1.4]
SW8270D	mg/kg	86-74-8	Carbazole	NA	NA	ND [0.0028]	ND [0.067]	ND [0.065]	ND [0.28]	ND [0.058]	ND [0.14]
SW8270D	mg/kg	218-01-9	Chrysene	600	150	--	--	--	--	--	--
SW8270D	mg/kg	59-50-7	Cresol, p-chloro-m-	NA	NA	ND [0.0028]	ND [0.067]	ND [0.065]	ND [0.28]	ND [0.058]	ND [0.14]
SW8270D	mg/kg	132-64-9	Dibenzofuran	0.97	9.5	ND [0.0028]	ND [0.067]	ND [0.065]	ND [0.28]	ND [0.058]	ND [0.14]
SW8270D	mg/kg	84-74-2	Dibutyl Phthalate	16	820	ND [0.028]	ND [0.67]	ND [0.65]	ND [2.8]	ND [0.58]	ND [1.4]
SW8270D	mg/kg	84-66-2	Diethyl Phthalate	60	6600	ND [0.0028]	ND [0.067]	ND [0.065]	ND [0.28]	ND [0.058]	ND [0.14]
SW8270D	mg/kg	131-11-3	Dimethylphthalate	48	6600	ND [0.0028]	ND [0.067]	ND [0.065]	ND [0.28]	ND [0.058]	ND [0.14]
SW8270D	mg/kg	534-52-1	Dinitro-o-cresol, 4,6-	NA	NA	ND [0.22]	ND [5.4]	ND [5.2]	ND [22]	ND [4.7]	ND [11]
SW8270D	mg/kg	117-84-0	di-N-Octyl Phthalate	370	82	ND [0.0055]	ND [0.13]	ND [0.13]	ND [0.56]	ND [0.12]	ND [0.28]

						Sample ID	18-NLF-TP-11-S02	18-NLF-TP-12-S01	18-NLF-TP-12-S02	18-NLF-TP-12-S03	18-NLF-TP-12-S04	18-NLF-TP-13-S01
						Location ID	TP-11	TP-12	TP-12	TP-12	TP-12	TP-13B
						Sample Date/Time	7/22/18 11:15	7/25/18 9:45	7/25/18 9:50	7/25/18 9:55	7/26/18 16:30	7/22/18 16:50
						Sample Delivery Group	320414141	320415601	320415601	320415601	320416481	320414631
						Matrix	Soil	Soil	Soil	Soil	Soil	Soil
						Sample Type	Primary	Primary	Field Duplicate	Primary	Primary	Primary
						Parent Sample			18-NLF-TP-12-S01			
Method	Units	CAS ID	Analyte	PAL[1]	CRSL[2]							
SW8270D	mg/kg	206-44-0	Fluoranthene	590	310	--	--	--	--	--	--	
SW8270D	mg/kg	87-68-3	Hexachlorobutadiene	0.02	0.33	ND [0.0028]	--	--	--	--	--	
SW8270D	mg/kg	67-72-1	Hexachloroethane	0.018	1.7	ND [0.0028]	**ND [0.067]**	**ND [0.065]**	**ND [0.28]**	**ND [0.058]**	**ND [0.14]**	
SW8270D	mg/kg	193-39-5	Indeno(1,2,3-cd)pyrene	15	1.5	--	--	--	--	--	--	
SW8270D	mg/kg	78-59-1	Isophorone	2.7	740	ND [0.0028]	ND [0.067]	ND [0.065]	ND [0.28]	ND [0.058]	ND [0.14]	
SW8270D	mg/kg	88-74-4	Nitroaniline, 2-	NA	NA	ND [0.0028]	ND [0.067]	ND [0.065]	ND [0.28]	ND [0.058]	ND [0.14]	
SW8270D	mg/kg	100-01-6	Nitroaniline, 4-	NA	NA	ND [0.0028]	ND [0.067]	ND [0.065]	ND [0.28]	ND [0.058]	ND [0.14]	
SW8270D	mg/kg	98-95-3	Nitrobenzene	0.0079	4.3	ND [0.0028]	**ND [0.067]**	**ND [0.065]**	**ND [0.28]**	**ND [0.058]**	**ND [0.14]**	
SW8270D	mg/kg	62-75-9	N-Nitrosodimethylamine	0.0000033	0.0026	**ND [0.028]**	**ND [0.67]**	**ND [0.65]**	**ND [2.8]**	**ND [0.58]**	**ND [1.4]**	
SW8270D	mg/kg	86-30-6	N-Nitrosodiphenylamine	4.6	140	ND [0.0055]	ND [0.13]	ND [0.13]	ND [0.56]	ND [0.12]	ND [0.28]	
SW8270D	mg/kg	95-48-7	o-Cresol	6.2	410	ND [0.0028]	ND [0.067]	ND [0.065]	ND [0.28]	ND [0.058]	ND [0.14]	
SW8270D	mg/kg	106-47-8	p-Chloroaniline	0.015	3.5	**ND [0.028]**	**ND [0.67]**	**ND [0.65]**	**ND [2.8]**	**ND [0.58]**	**ND [1.4]**	
SW8270D	mg/kg	85-01-8	Phenanthrene	39	230	--	--	--	--	--	--	
SW8270D	mg/kg	108-95-2	Phenol	29	2500	ND [0.028]	ND [0.67]	ND [0.65]	ND [2.8]	ND [0.58]	ND [1.4]	
SW8270D	mg/kg	129-00-0	Pyrene	87	230	--	--	--	--	--	--	
SW8270D SIM	mg/kg	90-12-0	1-Methylnaphthalene	0.41	6.8	ND [0.0011]	0.0025 [0.0012] J, QN	0.014 [0.0013] QN	**1 [0.2]**	0.2 [0.012]	0.025 [0.011] J	
SW8270D SIM	mg/kg	91-57-6	2-Methylnaphthalene	1.3	31	ND [0.0011]	0.0033 [0.0012] J, QN	0.019 [0.0013] QN	**1.6 [0.2]**	0.28 [0.012]	0.028 [0.011] J	
SW8270D SIM	mg/kg	83-32-9	Acenaphthene	37	460	ND [0.0011]	0.025 [0.0012] QN	0.19 [0.0013] QN	5.5 [0.2]	1.4 [0.012]	0.45 [0.011]	
SW8270D SIM	mg/kg	208-96-8	Acenaphthylene	18	230	ND [0.0011]	0.0081 [0.0012] QN	0.014 [0.0013] QN	0.25 [0.2] J	0.058 [0.012] J	0.014 [0.011] J	
SW8270D SIM	mg/kg	120-12-7	Anthracene	390	2300	ND [0.0011]	0.062 [0.0012] QN	0.4 [0.0013] QN	10 [0.2]	3 [0.012]	0.8 [0.011]	
SW8270D SIM	mg/kg	56-55-3	Benz[a]anthracene	0.7	1.4	ND [0.0011]	0.17 [0.0012]	**0.71 [0.026]**	**17 [0.2]**	**5 [0.012]**	**1.5 [0.011]**	
SW8270D SIM	mg/kg	50-32-8	Benzo(a)pyrene	1.5	0.15	ND [0.0011]	0.16 [0.0012] QN	0.63 [0.0013] QN	**14 [0.2]**	**3.9 [0.012]**	1.3 [0.011]	
SW8270D SIM	mg/kg	205-99-2	Benzo(b)fluoranthene	15	1.5	ND [0.0022]	0.21 [0.0025]	0.7 [0.052]	**16 [0.4]**	4.6 [0.025]	1.6 [0.021]	
SW8270D SIM	mg/kg	207-08-9	Benzo(k)fluoranthene	150	15	ND [0.0022]	--	0.3 [0.0026] QN	6.4 [0.4]	1.9 [0.025]	0.68 [0.021]	
SW8270D SIM	mg/kg	191-24-2	Benzo[g,h,i]perylene	2300	230	ND [0.0032]	0.088 [0.0037] QN	0.27 [0.0039] QN	7 [0.6]	2.3 [0.037]	0.74 [0.032]	
SW8270D SIM	mg/kg	111-44-4	Bis(2-chloroethyl)ether	0.00042	0.28	**ND [0.0029]**	**ND [0.016]**	**ND [0.015]**	**ND [0.027]**	**ND [0.06]**	**ND [0.056]**	
SW8270D SIM	mg/kg	218-01-9	Chrysene	600	150	0.0012 [0.0011] J	0.21 [0.0012]	0.84 [0.026]	19 [0.2]	6.4 [0.12]	1.9 [0.011]	
SW8270D SIM	mg/kg	53-70-3	Dibenz[a,h]anthracene	1.5	0.15	ND [0.0032]	0.029 [0.0037] QN	0.1 [0.0039] QN	**2.5 [0.6]**	0.66 [0.037]	0.24 [0.032]	
SW8270D SIM	mg/kg	206-44-0	Fluoranthene	590	310	ND [0.0011]	0.39 [0.0012]	1.7 [0.026]	34 [0.2]	12 [0.12]	3.9 [0.011]	
SW8270D SIM	mg/kg	86-73-7	Fluorene	36	310	ND [0.0011]	0.023 [0.0012] QN	0.16 [0.0013] QN	5.2 [0.2]	1.2 [0.012]	0.33 [0.011]	
SW8270D SIM	mg/kg	118-74-1	Hexachlorobenzene	0.0082	0.20	ND [0.0029]	**ND [0.016]**	**ND [0.015]**	**ND [0.027]**	**ND [0.06]**	**ND [0.056]**	
SW8270D SIM	mg/kg	77-47-4	Hexachlorocyclopentadiene	0.0093	0.14	ND [0.0014]	ND [0.0078] QL	ND [0.0076] QL	**ND [0.013] QL**	**ND [0.03]**	**ND [0.028] QL**	
SW8270D SIM	mg/kg	193-39-5	Indeno(1,2,3-cd)pyrene	15	1.5	ND [0.0011]	0.11 [0.0012] QN	0.36 [0.0013] QN	8.3 [0.2]	2.4 [0.012]	0.84 [0.011]	
SW8270D SIM	mg/kg	91-20-3	Naphthalene	0.038	2.9	0.00056 [0.0011] J	0.01 [0.0012] QN	0.029 [0.0013] QN	**2.9 [0.2]**	**0.55 [0.012]**	0.036 [0.011] J	
SW8270D SIM	mg/kg	621-64-7	N-Nitroso-di-N-propylamine	0.00068	0.100	**ND [0.0029]**	**ND [0.016]**	**ND [0.015]**	**ND [0.027]**	**ND [0.06]**	**ND [0.056]**	
SW8270D SIM	mg/kg	87-86-5	Pentachlorophenol	0.0043	1.3	0.0033 [0.0057] B, J	**ND [0.031]**	**ND [0.03]**	**ND [0.054]**	**ND [0.12]**	**ND [0.11]**	
SW8270D SIM	mg/kg	85-01-8	Phenanthrene	39	230	0.0015 [0.0011] J	0.27 [0.0012]	1.5 [0.026]	35 [0.2]	11 [0.12]	3.5 [0.011]	
SW8270D SIM	mg/kg	129-00-0	Pyrene	87	230	ND [0.0011]	0.36 [0.0012]	1.6 [0.026]	34 [0.2]	12 [0.12]	3.8 [0.011]	

						Sample ID	18-NLF-TP-13-S02	18-NLF-TP-13-S03	18-NLF-TP-14-S01	18-NLF-TP-14-S02	18-NLF-TP-14-S03	18-NLF-TP-15-S01
						Location ID	TP-13B	TP-13B	TP-14	TP-14	TP-14	TP-15
						Sample Date/Time	7/22/18 16:55	7/22/18 17:00	7/23/18 14:40	7/23/18 14:45	7/23/18 14:50	7/23/18 9:10
						Sample Delivery Group	320414631	320414631	320414631	320414631	320414631	320414631
						Matrix	Soil	Soil	Soil	Soil	Soil	Soil
						Sample Type	Field Duplicate	Primary	Primary	Field Duplicate	Primary	Primary
						Parent Sample	18-NLF-TP-13-S01			18-NLF-TP-14-S01		
Method	Units	CAS ID	Analyte	PAL[1]	CRSL[2]							
AK101	mg/kg	GRO	Gas Range Organics	300	NA	ND [9.8]	1.5 [0.84] B, J, QN	0.99 [1.8] B, J	0.94 [1.6] B, J	0.64 [1.1] B, J	7.9 [2.7]	
AK102	mg/kg	DRO	Diesel Range Organics	250	NA	**2400 [57]**	3.3 [1.1]	17 [1.2] QN	9.4 [1.3] QN	1.2 [1.1] B, J	**940 [61]**	
AK103	mg/kg	RRO	Residual Range Organics	10000	NA	2600 [570]	13 [11] J	92 [12] QN	45 [13] QN	8.7 [11] J	7400 [610]	
SW6020A	mg/kg	7440-38-2	Arsenic	0.2	0.88	**3.5 [0.18] QN**	**2.4 [0.13]**	**3.9 [0.19]**	**4.4 [0.18]**	**4.1 [0.20]**	**3.3 [0.15]**	
SW6020A	mg/kg	7440-39-3	Barium	2100	2000	76 [0.18] QN	54 [0.13]	190 [0.19] QN	91 [0.18] QN	77 [0.20]	97 [0.15]	
SW6020A	mg/kg	7440-43-9	Cadmium	9.1	9.2	0.12 [0.091] J	0.063 [0.065] J	0.060 [0.095] J	0.091 [0.088] J	0.10 [0.10] J	0.11 [0.073] J	
SW6020A	mg/kg	7440-47-3	Chromium	100000	10000	11 [0.11] QN	6.5 [0.081]	8.6 [0.12]	13 [0.11]	11 [0.12]	10 [0.091]	
SW6020A	mg/kg	7439-92-1	Lead	400	40	5.6 [0.086] QN	2.1 [0.062]	16 [0.090] QN	3.8 [0.084] QN	3.4 [0.095]	3.5 [0.069]	
SW6020A	mg/kg	7440-02-0	Nickel	340	200	11 [0.23] QN	7.0 [0.16]	9.2 [0.24]	13 [0.22]	12 [0.25]	11 [0.18]	
SW6020A	mg/kg	7782-49-2	Selenium	6.9	51	3.9 [0.45]	2.6 [0.33]	4.1 [0.47]	4.4 [0.44]	3.7 [0.50]	4.9 [0.36]	
SW6020A	mg/kg	7440-22-4	Silver	11	51	0.031 [0.023] J	0.015 [0.016] J	0.025 [0.024] J	0.023 [0.022] J	0.018 [0.025] J	0.016 [0.018] J	
SW6020A	mg/kg	7440-62-2	Vanadium	510	51	55 [0.45]	36 [0.33]	63 [0.47]	66 [0.44]	56 [0.50]	56 [0.36]	
SW7471B	mg/kg	7439-97-6	Mercury	0.36	0.31	0.022 [0.028] J	0.013 [0.025] J	0.033 [0.029] J	0.031 [0.032] J	0.024 [0.029] J	0.019 [0.028] J	
SW8011	mg/kg	96-18-4	1,2,3-Trichloropropane	0.000031	0.0066	**ND [0.00017] H, QL**	**ND [0.00017] H, QL**	**0.00024 [0.00018] H, J, QL**	**ND [0.0020] H, QL**	**ND [0.0018] H, QL**	**ND [0.00090] H, QL**	
SW8011	mg/kg	106-93-4	1,2-Dibromoethane	0.00024	0.042	ND [0.000044] H, QL	ND [0.000042] H	ND [0.000045] H, QL	**ND [0.00050] H**	**ND [0.00045] H**	ND [0.00022] H	
SW8081B	mg/kg	309-00-2	Aldrin	0.0099	0.049	**ND [0.29]**	ND [0.00057]	ND [0.0060]	ND [0.0066]	ND [0.00057]	ND [0.0057]	
SW8081B	mg/kg	319-84-6	Alpha-Hexachlorocyclohexane	0.0029	0.11	**ND [0.29]**	ND [0.00057]	**ND [0.0060]**	**ND [0.0066]**	ND [0.00057]	**ND [0.0057]**	
SW8081B	mg/kg	319-85-7	Beta-Hexachlorocyclohexane	0.01	0.39	**ND [0.29]**	ND [0.00057]	**0.015 [0.0060] J, QN**	ND [0.0066] QN	ND [0.00057]	**0.018 [0.0057] J**	
SW8081B	mg/kg	12789-03-6	Chlordane	0.18	2.2	**ND [12]**	ND [0.023]	**ND [0.24]**	**ND [0.27]**	ND [0.023]	**ND [0.23]**	
SW8081B	mg/kg	5103-71-9	CIS-CHLORDANE	NA	NA	ND [0.29]	ND [0.00057]	ND [0.0060]	ND [0.0066]	ND [0.00057]	ND [0.0057]	
SW8081B	mg/kg	72-54-8	DDD	0.098	0.25	**ND [0.29]**	ND [0.00057]	ND [0.0060]	ND [0.0066]	ND [0.00057]	ND [0.0057]	
SW8081B	mg/kg	50-29-3	DDT	5.1	2.4	ND [0.58]	ND [0.0011]	ND [0.012]	ND [0.013]	ND [0.0011]	ND [0.011]	
SW8081B	mg/kg	319-86-8	DELTA-BHC	NA	NA	ND [0.29]	ND [0.00057]	ND [0.0060]	ND [0.0066]	ND [0.00057]	ND [0.0057]	
SW8081B	mg/kg	60-57-1	Dieldrin	0.0047	0.044	**ND [0.29]**	ND [0.00057]	**ND [0.0060]**	**ND [0.0066]**	ND [0.00057]	**ND [0.0057]**	
SW8081B	mg/kg	115-29-7	Endosulfan (I + II)	9.3	61	ND [0.58]	ND [0.00114]	ND [0.012]	ND [0.0132]	ND [0.00114]	ND [0.0114]	
SW8081B	mg/kg	959-98-8	ENDOSULFAN I	NA	NA	ND [0.29]	ND [0.00057]	ND [0.0060]	ND [0.0066]	ND [0.00057]	ND [0.0057]	
SW8081B	mg/kg	33213-65-9	ENDOSULFAN II	NA	NA	ND [0.29]	ND [0.00057]	ND [0.0060]	ND [0.0066]	ND [0.00057]	ND [0.0057]	
SW8081B	mg/kg	1031-07-8	ENDOSULFAN SULFATE	NA	NA	ND [0.58]	ND [0.0011]	ND [0.012]	ND [0.013]	ND [0.0011]	ND [0.011]	
SW8081B	mg/kg	72-20-8	Endrin	0.61	2.5	ND [0.16]	ND [0.00031]	ND [0.0032]	ND [0.0036]	ND [0.00031]	ND [0.0031]	
SW8081B	mg/kg	7421-93-4	ENDRIN ALDEHYDE	NA	NA	ND [0.58]	ND [0.0011]	ND [0.012]	ND [0.013]	ND [0.0011]	ND [0.011]	
SW8081B	mg/kg	53494-70-5	ENDRIN KETONE	NA	NA	ND [0.58]	ND [0.0011]	ND [0.012]	ND [0.013]	ND [0.0011]	ND [0.011]	
SW8081B	mg/kg	58-89-9	Gamma- (Lindane)Hexachlorocyclohexane	0.016	0.74	**ND [0.29]**	ND [0.00057]	ND [0.0060]	ND [0.0066]	ND [0.00057]	ND [0.0057]	
SW8081B	mg/kg	76-44-8	Heptachlor	0.0076	0.16	**ND [0.29]**	ND [0.00057]	ND [0.0060]	ND [0.0066]	ND [0.00057]	ND [0.0057]	
SW8081B	mg/kg	1024-57-3	Heptachlor Epoxide	0.0019	0.086	**ND [0.16]**	ND [0.00031]	**ND [0.0032]**	**ND [0.0036]**	ND [0.00031]	**ND [0.0031]**	
SW8081B	mg/kg	72-43-5	Methoxychlor	13	41	ND [1.7]	ND [0.0034]	ND [0.036]	ND [0.04]	ND [0.0034]	ND [0.034]	
SW8081B	mg/kg	72-55-9	p,p'-DDE	0.72	2.5	ND [0.29]	ND [0.00057]	ND [0.0060]	ND [0.0066]	ND [0.00057]	ND [0.0057]	
SW8081B	mg/kg	8001-35-2	Toxaphene	0.72	0.64	**ND [29]**	ND [0.057]	ND [0.6]	ND [0.66]	ND [0.057]	ND [0.57]	
SW8081B	mg/kg	5103-74-2	TRANS-CHLORDANE	NA	NA	ND [0.16]	ND [0.00031]	ND [0.0032]	ND [0.0036]	ND [0.00031]	ND [0.0031]	
SW8082A	mg/kg	12674-11-2	Aroclor 1016	NA	NA	ND [5.8]	ND [0.011]	ND [0.12]	ND [0.27]	ND [0.011]	ND [0.11]	
SW8082A	mg/kg	11104-28-2	Aroclor 1221	NA	NA	ND [8.6]	ND [0.017]	ND [0.18]	ND [0.4]	ND [0.017]	ND [0.17]	
SW8082A	mg/kg	11141-16-5	Aroclor 1232	NA	NA	ND [12]	ND [0.023]	ND [0.24]	ND [0.53]	ND [0.023]	ND [0.23]	

						Sample ID	18-NLF-TP-13-S02	18-NLF-TP-13-S03	18-NLF-TP-14-S01	18-NLF-TP-14-S02	18-NLF-TP-14-S03	18-NLF-TP-15-S01
						Location ID	TP-13B	TP-13B	TP-14	TP-14	TP-14	TP-15
						Sample Date/Time	7/22/18 16:55	7/22/18 17:00	7/23/18 14:40	7/23/18 14:45	7/23/18 14:50	7/23/18 9:10
						Sample Delivery Group	320414631	320414631	320414631	320414631	320414631	320414631
						Matrix	Soil	Soil	Soil	Soil	Soil	Soil
						Sample Type	Field Duplicate	Primary	Primary	Field Duplicate	Primary	Primary
						Parent Sample	18-NLF-TP-13-S01			18-NLF-TP-14-S01		
Method	Units	CAS ID	Analyte	PAL[1]	CRSL[2]							
SW8082A	mg/kg	53469-21-9	Aroclor 1242	NA	NA		ND [12]	ND [0.023]	ND [0.24]	ND [0.53]	ND [0.023]	ND [0.23]
SW8082A	mg/kg	12672-29-6	Aroclor 1248	NA	NA		ND [8.6]	ND [0.017]	ND [0.18]	ND [0.4]	ND [0.017]	ND [0.17]
SW8082A	mg/kg	11097-69-1	Aroclor 1254	NA	NA		ND [5.8]	ND [0.011]	ND [0.12]	ND [0.27]	ND [0.011]	ND [0.11]
SW8082A	mg/kg	11096-82-5	Aroclor 1260	NA	NA		180 [5.8]	0.087 [0.011]	7.1 [0.12]	8.7 [0.27]	0.0036 [0.011] J	5.6 [0.11]
SW8082A	mg/kg	PCBS	PCBS	1	NA		**180 [58.6]**	0.087 [0.113]	**7.1 [1.2]**	**8.7 [2.67]**	0.0036 [0.113]	**5.6 [1.13]**
SW8151A	mg/kg	93-76-5	2,4,5-Trichlorophenoxyacetic Acid	0.66	82		ND [0.44]	ND [0.084]	ND [0.093]	ND [0.096]	ND [0.09]	ND [0.093]
SW8151A	mg/kg	94-75-7	2,4-Dichlorophenoxy Acetic Acid	0.53	91		ND [0.44]	ND [0.084]	ND [0.093]	ND [0.096]	ND [0.09]	ND [0.093]
SW8151A	mg/kg	100-02-7	4-Nitrophenol	NA	NA		ND [0.44]	--	ND [0.093]	ND [0.096]	--	ND [0.093]
SW8151A	mg/kg	94-82-6	Butanoic acid, 4-(2,4-dichlorophenoxy)-	NA	NA		ND [0.44]	ND [0.084]	ND [0.093]	ND [0.096]	ND [0.09]	ND [0.093]
SW8151A	mg/kg	75-99-0	Dalapon	NA	NA		ND [0.66]	ND [0.13]	ND [0.14]	ND [0.14]	ND [0.13]	ND [0.14]
SW8151A	mg/kg	1918-00-9	Dicamba	NA	NA		ND [0.44]	ND [0.084]	ND [0.093]	ND [0.096]	ND [0.09]	ND [0.093]
SW8151A	mg/kg	120-36-5	Dichlorprop	NA	NA		ND [0.44]	ND [0.084]	ND [0.093]	ND [0.096]	ND [0.09]	ND [0.093]
SW8151A	mg/kg	88-85-7	Dinoseb	NA	NA		ND [0.66]	ND [0.13]	ND [0.14]	ND [0.14]	ND [0.13]	ND [0.14]
SW8151A	mg/kg	94-74-6	MCPA	NA	NA		ND [0.44]	ND [0.084]	ND [0.093]	ND [0.096]	ND [0.09]	ND [0.093]
SW8151A	mg/kg	93-65-2	MCPP	NA	NA		ND [0.44]	ND [0.084]	ND [0.093]	ND [0.096]	ND [0.09]	ND [0.093]
SW8151A	mg/kg	87-86-5	Pentachlorophenol	0.0043	1.3		--	--	--	--	--	**ND [0.14]**
SW8151A	mg/kg	93-72-1	Trichlorophenoxypropionic acid, -2,4,5	0.55	66		ND [0.44]	ND [0.084]	ND [0.093]	ND [0.096]	ND [0.09]	ND [0.093]
SW8260C	mg/kg	630-20-6	1,1,1,2-Tetrachloroethane	0.022	2.1		**ND [0.073]**	ND [0.0063] QN	ND [0.013]	ND [0.012]	ND [0.0084]	ND [0.02]
SW8260C	mg/kg	71-55-6	1,1,1-Trichloroethane	32	36		ND [0.037]	ND [0.0031] QN	ND [0.0066]	ND [0.0062]	ND [0.0042]	ND [0.01]
SW8260C	mg/kg	75-34-3	1,1-Dichloroethane	0.092	4.6		ND [0.037]	ND [0.0031] QN	ND [0.0066]	ND [0.0062]	ND [0.0042]	ND [0.01]
SW8260C	mg/kg	75-35-4	1,1-Dichloroethene	1.2	33		ND [0.073]	ND [0.0063] QN	ND [0.013]	ND [0.012]	ND [0.0084]	ND [0.02]
SW8260C	mg/kg	563-58-6	1,1-Dichloropropene	NA	NA		ND [0.073]	ND [0.0063] QN	ND [0.013]	ND [0.012]	ND [0.0084]	ND [0.02]
SW8260C	mg/kg	87-61-6	1,2,3-Trichlorobenzene	0.15	8.1		ND [0.073]	ND [0.0063] QN	ND [0.013]	ND [0.012]	ND [0.0084]	ND [0.02]
SW8260C	mg/kg	96-18-4	1,2,3-Trichloropropane	0.000031	0.0066		**ND [0.073]**	**ND [0.0063] QN**	**ND [0.013]**	**ND [0.012]**	**ND [0.0084]**	**ND [0.02]**
SW8260C	mg/kg	120-82-1	1,2,4-Trichlorobenzene	0.082	4.5		ND [0.037]	--	ND [0.0066]	ND [0.0062]	--	ND [0.01]
SW8260C	mg/kg	95-63-6	1,2,4-Trimethylbenzene	0.61	4.3		ND [0.037]	ND [0.0031] QN	ND [0.0066]	ND [0.0062]	ND [0.0042]	ND [0.01]
SW8260C	mg/kg	156-59-2	1,2-cis-Dichloroethylene	0.12	20		**ND [0.15]**	ND [0.013] QN	ND [0.027]	ND [0.025]	ND [0.017]	ND [0.04]
SW8260C	mg/kg	96-12-8	1,2-Dibromo-3-chloropropane	NA	NA		ND [0.15]	ND [0.013] QN	ND [0.027]	ND [0.025]	ND [0.017]	ND [0.04]
SW8260C	mg/kg	95-50-1	1,2-Dichlorobenzene	2.4	7.8		ND [0.037]	--	ND [0.0066]	ND [0.0062]	--	ND [0.01]
SW8260C	mg/kg	78-87-5	1,2-Dichloropropane	0.03	1.7		**ND [0.073]**	ND [0.0063] QN	ND [0.013]	ND [0.012]	ND [0.0084]	ND [0.02]
SW8260C	mg/kg	156-60-5	1,2-trans-Dichloroethylene	1.3	96		ND [0.073]	ND [0.0063] QN	ND [0.013]	ND [0.012]	ND [0.0084]	ND [0.02]
SW8260C	mg/kg	108-67-8	1,3,5-Trimethylbenzene	0.66	3.7		ND [0.037]	ND [0.0031] QN	ND [0.0066]	ND [0.0062]	ND [0.0042]	ND [0.01]
SW8260C	mg/kg	541-73-1	1,3-Dichlorobenzene	2.3	6.2		ND [0.037]	--	ND [0.0066]	ND [0.0062]	--	ND [0.01]
SW8260C	mg/kg	142-28-9	1,3-Dichloropropane	NA	NA		ND [0.037]	ND [0.0031] QN	ND [0.0066]	ND [0.0062]	ND [0.0042]	ND [0.01]
SW8260C	mg/kg	106-46-7	1,4-Dichlorobenzene	0.037	2.1		**ND [0.037]**	--	ND [0.0066]	ND [0.0062]	--	ND [0.01]
SW8260C	mg/kg	594-20-7	2,2-Dichloropropane	NA	NA		ND [0.073]	ND [0.0063] QN	ND [0.013]	ND [0.012]	ND [0.0084]	ND [0.02]
SW8260C	mg/kg	78-93-3	2-Butanone	15	2300		ND [0.37]	ND [0.031] QN	ND [0.066]	ND [0.062]	ND [0.042]	ND [0.1]
SW8260C	mg/kg	95-49-8	2-Chlorotoluene	NA	NA		ND [0.037]	ND [0.0031] QN	ND [0.0066]	ND [0.0062]	ND [0.0042]	ND [0.01]
SW8260C	mg/kg	591-78-6	2-Hexanone	0.11	27		**ND [0.15]**	ND [0.013] QN	ND [0.027]	ND [0.025]	ND [0.017]	ND [0.04]
SW8260C	mg/kg	106-43-4	4-Chlorotoluene	NA	NA		ND [0.037]	ND [0.0031] QN	ND [0.0066]	ND [0.0062]	ND [0.0042]	ND [0.01]
SW8260C	mg/kg	99-87-6	4-Isopropyltoluene	NA	NA		ND [0.037]	ND [0.0031] QN	ND [0.0066]	ND [0.0062]	ND [0.0042]	ND [0.01]

						Sample ID	18-NLF-TP-13-S02	18-NLF-TP-13-S03	18-NLF-TP-14-S01	18-NLF-TP-14-S02	18-NLF-TP-14-S03	18-NLF-TP-15-S01
						Location ID	TP-13B	TP-13B	TP-14	TP-14	TP-14	TP-15
						Sample Date/Time	7/22/18 16:55	7/22/18 17:00	7/23/18 14:40	7/23/18 14:45	7/23/18 14:50	7/23/18 9:10
						Sample Delivery Group	320414631	320414631	320414631	320414631	320414631	320414631
						Matrix	Soil	Soil	Soil	Soil	Soil	Soil
						Sample Type	Field Duplicate	Primary	Primary	Field Duplicate	Primary	Primary
						Parent Sample	18-NLF-TP-13-S01			18-NLF-TP-14-S01		
Method	Units	CAS ID	Analyte	PAL[1]	CRSL[2]							
SW8260C	mg/kg	108-10-1	4-Methyl-2-pentanone	18	220	ND [0.037]	ND [0.0031] QN	ND [0.0066]	ND [0.0062]	ND [0.0042]	ND [0.01]
SW8260C	mg/kg	67-64-1	Acetone	38	8100	ND [0.49]	0.06 [0.042] J, QN	0.053 [0.089] J	0.052 [0.082] J	ND [0.056]	0.12 [0.13] J
SW8260C	mg/kg	71-43-2	Benzene	0.022	1.1	**ND [0.037]**	ND [0.0031] QN	ND [0.0066]	ND [0.0062]	ND [0.0042]	ND [0.01]
SW8260C	mg/kg	108-86-1	Bromobenzene	0.36	16	ND [0.073]	ND [0.0063] QN	ND [0.013]	ND [0.012]	ND [0.0084]	ND [0.02]
SW8260C	mg/kg	74-97-5	Bromochloromethane	NA	NA	ND [0.15]	ND [0.013] QN	ND [0.027]	ND [0.025]	ND [0.017]	ND [0.04]
SW8260C	mg/kg	75-25-2	Bromoform	0.1	24	**ND [0.15]**	ND [0.013] QN	ND [0.027]	ND [0.025]	ND [0.017]	ND [0.04]
SW8260C	mg/kg	75-15-0	Carbon disulfide	2.9	50	ND [0.037]	ND [0.0031] QN	ND [0.0066]	ND [0.0062]	ND [0.0042]	ND [0.01]
SW8260C	mg/kg	56-23-5	Carbon tetrachloride	0.021	0.91	**ND [0.037]**	ND [0.0031] QN	ND [0.0066]	ND [0.0062]	ND [0.0042]	ND [0.01]
SW8260C	mg/kg	108-90-7	Chlorobenzene	0.46	18	ND [0.073]	ND [0.0063] QN	ND [0.013]	ND [0.012]	ND [0.0084]	ND [0.02]
SW8260C	mg/kg	75-00-3	Chloroethane	72	140	ND [0.15]	ND [0.013] QN	ND [0.027]	ND [0.025]	ND [0.017]	ND [0.04]
SW8260C	mg/kg	74-87-3	Chloromethane	0.61	17	ND [0.037]	ND [0.0031] QN	ND [0.0066]	ND [0.0062]	ND [0.0042]	ND [0.01]
SW8260C	mg/kg	10061-01-5	cis-1,3-Dichloropropene	NA	NA	ND [0.073]	ND [0.0063] QN	ND [0.013]	ND [0.012]	ND [0.0084]	ND [0.02]
SW8260C	mg/kg	98-82-8	Cumene	5.6	5.4	ND [0.037]	ND [0.0031] QN	ND [0.0066]	ND [0.0062]	ND [0.0042]	ND [0.01]
SW8260C	mg/kg	110-82-7	Cyclohexane	77	7.7	ND [0.24]	ND [0.021] QN	ND [0.044]	ND [0.041]	ND [0.028]	ND [0.067]
SW8260C	mg/kg	74-95-3	Dibromomethane	0.025	3.1	**ND [0.073]**	ND [0.0063] QN	ND [0.013]	ND [0.012]	ND [0.0084]	ND [0.02]
SW8260C	mg/kg	75-71-8	Dichlorodifluoromethane (Freon 12)	3.9	15	ND [0.15]	ND [0.013] QN	ND [0.027]	ND [0.025]	ND [0.017]	ND [0.04]
SW8260C	mg/kg	100-41-4	Ethylbenzene	0.13	4.9	ND [0.073]	ND [0.0063] QN	ND [0.013]	ND [0.012]	ND [0.0084]	ND [0.02]
SW8260C	mg/kg	87-68-3	Hexachlorobutadiene	0.02	0.33	**ND [0.073]**	--	ND [0.013]	ND [0.012]	--	**ND [0.02]**
SW8260C	mg/kg	75-09-2	Methylene chloride	0.33	46	ND [0.073]	ND [0.0063] QN	ND [0.013]	ND [0.012]	ND [0.0084]	ND [0.02]
SW8260C	mg/kg	1634-04-4	Methyl-tert-butyl ether (MTBE)	0.4	67	ND [0.037]	ND [0.0031] QN	ND [0.0066]	ND [0.0062]	ND [0.0042]	ND [0.01]
SW8260C	mg/kg	179601-23-1	m-Xylene & p-Xylene	NA	NA	ND [0.073]	ND [0.0063] QN	ND [0.013]	ND [0.012]	ND [0.0084]	ND [0.02]
SW8260C	mg/kg	91-20-3	Naphthalene	0.038	2.9	--	--	--	--	--	--
SW8260C	mg/kg	104-51-8	n-Butylbenzene	20	2	ND [0.037]	ND [0.0031] QN	ND [0.0066]	ND [0.0062]	ND [0.0042]	0.02 [0.01] J
SW8260C	mg/kg	103-65-1	n-Propylbenzene	9.1	5.2	ND [0.073]	ND [0.0063] QN	ND [0.013]	ND [0.012]	ND [0.0084]	ND [0.02]
SW8260C	mg/kg	95-47-6	o-Xylene	NA	NA	ND [0.073]	ND [0.0063] QN	ND [0.013]	ND [0.012]	ND [0.0084]	ND [0.02]
SW8260C	mg/kg	135-98-8	sec-Butylbenzene	28	2.8	ND [0.037]	ND [0.0031] QN	ND [0.0066]	ND [0.0062]	ND [0.0042]	ND [0.01]
SW8260C	mg/kg	100-42-5	Styrene	10	18	ND [0.037]	ND [0.0031] QN	ND [0.0066]	ND [0.0062]	ND [0.0042]	ND [0.01]
SW8260C	mg/kg	98-06-6	tert-Butylbenzene	11	3.6	ND [0.073]	ND [0.0063] QN	ND [0.013]	ND [0.012]	ND [0.0084]	ND [0.02]
SW8260C	mg/kg	127-18-4	Tetrachloroethene (PCE)	0.19	6.8	ND [0.073]	0.0074 [0.0063] J, QN	ND [0.013]	ND [0.012]	ND [0.0084]	**3.6 [0.02]**
SW8260C	mg/kg	108-88-3	Toluene	6.7	20	ND [0.073]	0.029 [0.0063] QN	ND [0.013]	ND [0.012]	ND [0.0084]	ND [0.02]
SW8260C	mg/kg	10061-02-6	trans-1,3-Dichloropropene	NA	NA	ND [0.037]	ND [0.0031] QN	ND [0.0066]	ND [0.0062]	ND [0.0042]	ND [0.01]
SW8260C	mg/kg	75-69-4	Trichlorofluoromethane (Freon 11)	41	98	ND [0.15]	ND [0.013] QN	ND [0.027]	ND [0.025]	ND [0.017]	ND [0.04]
SW8260C	mg/kg	1330-20-7	Xylenes	1.5	5.7	ND [0.146]	ND [0.0126]	ND [0.026]	ND [0.024]	ND [0.0168]	ND [0.04]
SW8260C SIM	mg/kg	79-34-5	1,1,2,2-Tetrachloroethane	0.003	0.61	**ND [0.0098]**	ND [0.00084] QN	ND [0.0018]	ND [0.0016]	ND [0.0011]	**ND [0.027]**
SW8260C SIM	mg/kg	79-00-5	1,1,2-Trichloroethane	0.0014	0.16	**ND [0.0098]**	ND [0.00084] QN	**ND [0.0018]**	**ND [0.0016]**	ND [0.0011]	**ND [0.027]**
SW8260C SIM	mg/kg	107-06-2	1,2-Dichloroethane	0.0055	0.55	**0.0061 [0.0049] J**	0.00030 [0.00042] J, QN	ND [0.00089]	ND [0.00082]	ND [0.00056]	**ND [0.013]**
SW8260C SIM	mg/kg	75-27-4	Bromodichloromethane	0.0043	0.36	**ND [0.0049]**	ND [0.00042] QN	ND [0.00089]	ND [0.00082]	ND [0.00056]	**ND [0.013]**
SW8260C SIM	mg/kg	74-83-9	Bromomethane	0.024	1	ND [0.02]	ND [0.0017] QN	ND [0.0035]	ND [0.0033]	ND [0.0022]	**ND [0.054]**
SW8260C SIM	mg/kg	67-66-3	Chloroform	0.0071	0.40	**ND [0.02]**	ND [0.0017] QN	ND [0.0035]	ND [0.0033]	ND [0.0022]	**ND [0.054]**
SW8260C SIM	mg/kg	124-48-1	Dibromochloromethane	0.0027	11	**ND [0.0049]**	ND [0.00042] QN	ND [0.00089]	ND [0.00082]	ND [0.00056]	**ND [0.013]**
SW8260C SIM	mg/kg	79-01-6	Trichloroethene (TCE)	0.011	0.49	0.0036 [0.0049] J	0.0080 [0.00042] QN	ND [0.00089]	ND [0.00082]	0.0043 [0.00056]	**1 [0.013]**

						Sample ID	18-NLF-TP-13-S02	18-NLF-TP-13-S03	18-NLF-TP-14-S01	18-NLF-TP-14-S02	18-NLF-TP-14-S03	18-NLF-TP-15-S01
						Location ID	TP-13B	TP-13B	TP-14	TP-14	TP-14	TP-15
						Sample Date/Time	7/22/18 16:55	7/22/18 17:00	7/23/18 14:40	7/23/18 14:45	7/23/18 14:50	7/23/18 9:10
						Sample Delivery Group	320414631	320414631	320414631	320414631	320414631	320414631
						Matrix	Soil	Soil	Soil	Soil	Soil	Soil
						Sample Type	Field Duplicate	Primary	Primary	Field Duplicate	Primary	Primary
						Parent Sample	18-NLF-TP-13-S01			18-NLF-TP-14-S01		
Method	Units	CAS ID	Analyte	PAL[1]	CRSL[2]							
SW8260C SIM	mg/kg	75-01-4	Vinyl Chloride	0.0008	0.065		**ND [0.0098]**	**ND [0.00084] QN**	**ND [0.0018]**	**ND [0.0016]**	**ND [0.0011]**	**ND [0.027]**
SW8270D	mg/kg	120-82-1	1,2,4-Trichlorobenzene	0.082	4.5		--	0.0034 [0.0027] J	--	--	ND [0.0028]	--
SW8270D	mg/kg	95-50-1	1,2-Dichlorobenzene	2.4	7.8		--	0.0059 [0.0027] J	--	--	ND [0.0028]	--
SW8270D	mg/kg	541-73-1	1,3-Dichlorobenzene	2.3	6.2		--	ND [0.0027]	--	--	ND [0.0028]	--
SW8270D	mg/kg	106-46-7	1,4-Dichlorobenzene	0.037	2.1		--	ND [0.0027]	--	--	ND [0.0028]	--
SW8270D	mg/kg	95-95-4	2,4,5-Trichlorophenol	28	820		ND [1.4]	ND [0.027]	ND [0.29]	ND [0.32]	ND [0.028]	ND [1.5]
SW8270D	mg/kg	88-06-2	2,4,6-Trichlorophenol	0.092	8.2		**ND [0.14]**	ND [0.0027]	ND [0.029]	ND [0.032]	ND [0.0028]	**ND [0.15]**
SW8270D	mg/kg	120-83-2	2,4-Dichlorophenol	0.21	25		ND [0.14]	ND [0.0027]	ND [0.029]	ND [0.032]	ND [0.0028]	ND [0.15]
SW8270D	mg/kg	105-67-9	2,4-Dimethylphenol	3.2	160		ND [0.28]	ND [0.0054]	ND [0.059]	ND [0.064]	ND [0.0057]	ND [0.31]
SW8270D	mg/kg	51-28-5	2,4-Dinitrophenol	0.34	16		**ND [11]**	ND [0.22]	**ND [2.4]**	**ND [2.5]**	ND [0.23]	**ND [12]**
SW8270D	mg/kg	121-14-2	2,4-Dinitrotoluene	0.024	2.3		**ND [0.14]**	ND [0.0027]	**ND [0.029]**	**ND [0.032]**	ND [0.0028]	**ND [0.15]**
SW8270D	mg/kg	606-20-2	2,6-Dinitrotoluene	0.005	0.47		**ND [0.14]**	ND [0.0027]	**ND [0.029]**	**ND [0.032]**	ND [0.0028]	**ND [0.15]**
SW8270D	mg/kg	95-57-8	2-Chlorophenol	0.71	51		ND [0.14]	ND [0.0027]	ND [0.029]	ND [0.032]	ND [0.0028]	ND [0.15]
SW8270D	mg/kg	91-57-6	2-Methylnaphthalene	1.3	31		--	--	--	--	--	--
SW8270D	mg/kg	88-75-5	2-Nitrophenol	NA	NA		ND [0.14]	ND [0.0027]	ND [0.029]	ND [0.032]	ND [0.0028]	ND [0.15]
SW8270D	mg/kg	15831-10-4	3 & 4 METHYLPHENOL	NA	NA		ND [0.14]	ND [0.0027]	ND [0.029]	ND [0.032]	ND [0.0028]	ND [0.15]
SW8270D	mg/kg	91-94-1	3,3'-Dichlorobenzidine	0.056	1.6		**ND [2.8]**	ND [0.054]	**ND [0.59]**	**ND [0.64]**	**ND [0.057]**	**ND [3.1]**
SW8270D	mg/kg	99-09-2	3-Nitroaniline	NA	NA		ND [1.4]	ND [0.027]	ND [0.29]	ND [0.32]	ND [0.028]	ND [1.5]
SW8270D	mg/kg	101-55-3	4-Bromophenyl-phenylether	NA	NA		ND [1.4]	ND [0.027]	ND [0.29]	ND [0.32]	ND [0.028]	ND [1.5]
SW8270D	mg/kg	7005-72-3	4-Chlorophenyl-phenylether	NA	NA		ND [0.14]	ND [0.0027]	ND [0.029]	ND [0.032]	ND [0.0028]	ND [0.15]
SW8270D	mg/kg	100-02-7	4-Nitrophenol	NA	NA		--	ND [0.054]	--	--	ND [0.057]	--
SW8270D	mg/kg	120-12-7	Anthracene	390	2300		--	--	--	0.11 [0.032] J	--	--
SW8270D	mg/kg	56-55-3	Benz[a]anthracene	0.7	1.4		--	--	--	0.17 [0.032] J	--	--
SW8270D	mg/kg	50-32-8	Benzo(a)pyrene	1.5	0.15		--	--	--	--	--	--
SW8270D	mg/kg	205-99-2	Benzo(b)fluoranthene	15	1.5		--	--	--	--	--	--
SW8270D	mg/kg	207-08-9	Benzo(k)fluoranthene	150	15		--	--	--	0.083 [0.064] J	--	--
SW8270D	mg/kg	100-51-6	Benzyl Alcohol	5.7	820		ND [2.8]	ND [0.054]	ND [0.59]	ND [0.64]	ND [0.057]	ND [3.1]
SW8270D	mg/kg	91-58-7	Beta-Chloronaphthalene	26	620		ND [0.14]	ND [0.0027]	ND [0.029]	ND [0.032]	ND [0.0028]	ND [0.15]
SW8270D	mg/kg	108-60-1	Bis(2-chloro-1-methylethyl) ether	NA	NA		ND [0.28]	ND [0.0054]	ND [0.059]	ND [0.064]	ND [0.0057]	ND [0.31]
SW8270D	mg/kg	111-91-1	Bis(2-chloroethoxy)methane	NA	NA		ND [0.14]	ND [0.0027]	ND [0.029]	ND [0.032]	ND [0.0028]	ND [0.15]
SW8270D	mg/kg	117-81-7	Bis(2-ethylhexyl)phthalate	88	50		ND [2.8]	0.027 [0.054] B, J	0.32 [0.59] B, J, QN	ND [0.64] QN	ND [0.057]	ND [3.1]
SW8270D	mg/kg	85-68-7	Butyl Benzyl Phthalate	16	370		ND [1.4]	ND [0.027]	ND [0.29]	ND [0.32]	ND [0.028]	ND [1.5]
SW8270D	mg/kg	86-74-8	Carbazole	NA	NA		ND [0.14]	ND [0.0027]	ND [0.029]	ND [0.032]	ND [0.0028]	ND [0.15]
SW8270D	mg/kg	218-01-9	Chrysene	600	150		--	--	--	0.2 [0.032] J	--	--
SW8270D	mg/kg	59-50-7	Cresol, p-chloro-m-	NA	NA		ND [0.14]	ND [0.0027]	ND [0.029]	ND [0.032]	ND [0.0028]	ND [0.15]
SW8270D	mg/kg	132-64-9	Dibenzofuran	0.97	9.5		ND [0.14]	ND [0.0027]	ND [0.029]	ND [0.032]	ND [0.0028]	ND [0.15]
SW8270D	mg/kg	84-74-2	Dibutyl Phthalate	16	820		ND [1.4]	ND [0.027]	ND [0.29]	ND [0.32]	ND [0.028]	ND [1.5]
SW8270D	mg/kg	84-66-2	Diethyl Phthalate	60	6600		ND [0.14]	ND [0.0027]	ND [0.029]	ND [0.032]	ND [0.0028]	ND [0.15]
SW8270D	mg/kg	131-11-3	Dimethylphthalate	48	6600		ND [0.14]	ND [0.0027]	ND [0.029]	ND [0.032]	ND [0.0028]	ND [0.15]
SW8270D	mg/kg	534-52-1	Dinitro-o-cresol, 4,6-	NA	NA		ND [11]	ND [0.22]	ND [2.4]	ND [2.5]	ND [0.23]	ND [12]
SW8270D	mg/kg	117-84-0	di-N-Octyl Phthalate	370	82		ND [0.28]	ND [0.0054]	ND [0.059]	ND [0.064]	ND [0.0057]	ND [0.31]

						Sample ID	18-NLF-TP-13-S02	18-NLF-TP-13-S03	18-NLF-TP-14-S01	18-NLF-TP-14-S02	18-NLF-TP-14-S03	18-NLF-TP-15-S01
						Location ID	TP-13B	TP-13B	TP-14	TP-14	TP-14	TP-15
						Sample Date/Time	7/22/18 16:55	7/22/18 17:00	7/23/18 14:40	7/23/18 14:45	7/23/18 14:50	7/23/18 9:10
						Sample Delivery Group	320414631	320414631	320414631	320414631	320414631	320414631
						Matrix	Soil	Soil	Soil	Soil	Soil	Soil
						Sample Type	Field Duplicate	Primary	Primary	Field Duplicate	Primary	Primary
						Parent Sample	18-NLF-TP-13-S01			18-NLF-TP-14-S01		
Method	Units	CAS ID	Analyte	PAL[1]	CRSL[2]							
SW8270D	mg/kg	206-44-0	Fluoranthene	590	310		--	--	--	0.43 [0.032] QN	--	--
SW8270D	mg/kg	87-68-3	Hexachlorobutadiene	0.02	0.33		--	ND [0.0027]	--	--	ND [0.0028]	--
SW8270D	mg/kg	67-72-1	Hexachloroethane	0.018	1.7		**ND [0.14]**	ND [0.0027]	**ND [0.029]**	**ND [0.032]**	ND [0.0028]	**ND [0.15]**
SW8270D	mg/kg	193-39-5	Indeno(1,2,3-cd)pyrene	15	1.5		--	--	--	0.06 [0.064] J	--	--
SW8270D	mg/kg	78-59-1	Isophorone	2.7	740		ND [0.14]	ND [0.0027]	ND [0.029]	ND [0.032]	ND [0.0028]	ND [0.15]
SW8270D	mg/kg	88-74-4	Nitroaniline, 2-	NA	NA		ND [0.14]	ND [0.0027]	ND [0.029]	ND [0.032]	ND [0.0028]	ND [0.15]
SW8270D	mg/kg	100-01-6	Nitroaniline, 4-	NA	NA		ND [0.14]	ND [0.0027]	ND [0.029]	ND [0.032]	ND [0.0028]	ND [0.15]
SW8270D	mg/kg	98-95-3	Nitrobenzene	0.0079	4.3		**ND [0.14]**	ND [0.0027]	**ND [0.029]**	**ND [0.032]**	ND [0.0028]	**ND [0.15]**
SW8270D	mg/kg	62-75-9	N-Nitrosodimethylamine	0.0000033	0.0026		**ND [1.4]**	**ND [0.027]**	**ND [0.29]**	**ND [0.32]**	**ND [0.028]**	**ND [1.5]**
SW8270D	mg/kg	86-30-6	N-Nitrosodiphenylamine	4.6	140		ND [0.28]	ND [0.0054]	ND [0.059]	ND [0.064]	ND [0.0057]	ND [0.31]
SW8270D	mg/kg	95-48-7	o-Cresol	6.2	410		ND [0.14]	ND [0.0027]	ND [0.029]	ND [0.032]	ND [0.0028]	ND [0.15]
SW8270D	mg/kg	106-47-8	p-Chloroaniline	0.015	3.5		**ND [1.4]**	**ND [0.027]**	**ND [0.29]**	**ND [0.32]**	**ND [0.028]**	**ND [1.5]**
SW8270D	mg/kg	85-01-8	Phenanthrene	39	230		--	--	--	0.48 [0.032] QN	--	--
SW8270D	mg/kg	108-95-2	Phenol	29	2500		ND [1.4]	ND [0.027]	ND [0.29]	ND [0.32]	ND [0.028]	ND [1.5]
SW8270D	mg/kg	129-00-0	Pyrene	87	230		--	--	--	0.46 [0.064] QN	--	--
SW8270D SIM	mg/kg	90-12-0	1-Methylnaphthalene	0.41	6.8		0.028 [0.0056]	ND [0.0011]	0.0071 [0.0011] QN	0.0015 [0.0012] J, QN	ND [0.0010]	0.15 [0.0055]
SW8270D SIM	mg/kg	91-57-6	2-Methylnaphthalene	1.3	31		0.034 [0.0056]	ND [0.0011]	0.0080 [0.0011] QN	0.0017 [0.0012] J, QN	ND [0.0010]	0.037 [0.0055]
SW8270D SIM	mg/kg	83-32-9	Acenaphthene	37	460		0.48 [0.0056]	ND [0.0011]	0.092 [0.0011] QN	0.022 [0.0012] QN	ND [0.0010]	0.21 [0.0055]
SW8270D SIM	mg/kg	208-96-8	Acenaphthylene	18	230		ND [0.0056]	ND [0.0011]	0.0027 [0.0011] J, QN	ND [0.0012] QN	ND [0.0010]	0.0072 [0.0055] J
SW8270D SIM	mg/kg	120-12-7	Anthracene	390	2300		0.78 [0.0056]	ND [0.0011]	0.15 [0.0011] QN	--	ND [0.0010]	0.3 [0.0055]
SW8270D SIM	mg/kg	56-55-3	Benz[a]anthracene	0.7	1.4		**1.3 [0.0056]**	0.00082 [0.0011] J	0.27 [0.0011] QN	--	ND [0.0010]	0.42 [0.0055]
SW8270D SIM	mg/kg	50-32-8	Benzo(a)pyrene	1.5	0.15		1 [0.0056]	0.00071 [0.0011] J	0.23 [0.0011] QN	0.073 [0.0012] QN	ND [0.0010]	0.37 [0.0055]
SW8270D SIM	mg/kg	205-99-2	Benzo(b)fluoranthene	15	1.5		1.3 [0.011]	0.0012 [0.0022] J	0.28 [0.0022] QN	0.081 [0.0025] QN	0.00075 [0.0021] J	0.41 [0.011]
SW8270D SIM	mg/kg	207-08-9	Benzo(k)fluoranthene	150	15		0.56 [0.011]	ND [0.0022]	0.11 [0.0022] QN	--	ND [0.0021]	0.17 [0.011]
SW8270D SIM	mg/kg	191-24-2	Benzo[g,h,i]perylene	2300	230		0.6 [0.017]	ND [0.0033]	0.14 [0.0033] QN	0.053 [0.0037] QN	ND [0.0031]	0.21 [0.016]
SW8270D SIM	mg/kg	111-44-4	Bis(2-chloroethyl)ether	0.00042	0.28		**ND [0.059]**	**ND [0.0026]**	**ND [0.0032]**	**ND [0.0032]**	**ND [0.0026]**	**ND [0.15]**
SW8270D SIM	mg/kg	218-01-9	Chrysene	600	150		1.6 [0.0056]	0.0017 [0.0011] J	0.34 [0.0011] QN	--	0.00090 [0.0010] J	0.53 [0.0055]
SW8270D SIM	mg/kg	53-70-3	Dibenz[a,h]anthracene	1.5	0.15		0.2 [0.017]	ND [0.0033]	0.045 [0.0033] QN	0.017 [0.0037] QN	ND [0.0031]	0.068 [0.016]
SW8270D SIM	mg/kg	206-44-0	Fluoranthene	590	310		3.5 [0.011]	0.0015 [0.0011] J	0.59 [0.0055]	--	ND [0.0010]	1.1 [0.0055]
SW8270D SIM	mg/kg	86-73-7	Fluorene	36	310		0.36 [0.0056]	ND [0.0011]	0.066 [0.0011] QN	0.015 [0.0012] QN	ND [0.0010]	0.18 [0.0055]
SW8270D SIM	mg/kg	118-74-1	Hexachlorobenzene	0.0082	0.20		**ND [0.059]**	ND [0.0026]	ND [0.0032]	ND [0.0032]	ND [0.0026]	**ND [0.15]**
SW8270D SIM	mg/kg	77-47-4	Hexachlorocyclopentadiene	0.0093	0.14		**ND [0.029] QL**	ND [0.0013] QL	ND [0.0016] QL	ND [0.0016] QL	ND [0.0013] QL	**ND [0.075] QL**
SW8270D SIM	mg/kg	193-39-5	Indeno(1,2,3-cd)pyrene	15	1.5		0.69 [0.0056]	0.00053 [0.0011] J	0.16 [0.0011] QN	--	ND [0.0010]	0.23 [0.0055]
SW8270D SIM	mg/kg	91-20-3	Naphthalene	0.038	2.9		**0.049 [0.0056]**	0.00079 [0.0011] J	0.014 [0.0011] QN	0.0025 [0.0012] J, QN	ND [0.0010]	0.033 [0.0055]
SW8270D SIM	mg/kg	621-64-7	N-Nitroso-di-N-propylamine	0.00068	0.100		**ND [0.059]**	**ND [0.0026]**	**ND [0.0032]**	**ND [0.0032]**	**ND [0.0026]**	**ND [0.15]**
SW8270D SIM	mg/kg	87-86-5	Pentachlorophenol	0.0043	1.3		**ND [0.12]**	**ND [0.0052]**	**ND [0.0063]**	**ND [0.0063]**	**ND [0.0052]**	--
SW8270D SIM	mg/kg	85-01-8	Phenanthrene	39	230		3.5 [0.011]	0.0026 [0.0011] J	0.54 [0.0055]	--	0.0013 [0.0010] J	1.3 [0.0055]
SW8270D SIM	mg/kg	129-00-0	Pyrene	87	230		3.5 [0.011]	0.0016 [0.0011] J	0.59 [0.0055]	--	ND [0.0010]	1.1 [0.0055]

						Sample ID	18-NLF-TP-15-S02	18-NLF-TP-16-S01	18-NLF-TP-16-S02	18-NLF-TP-16-S03	18-NLF-TP-17-S01	18-NLF-TP-17-S02
						Location ID	TP-15	TP-16	TP-16	TP-16	TP-17	TP-17
						Sample Date/Time	7/23/18 9:20	7/24/18 11:00	7/24/18 11:05	7/24/18 11:10	7/24/18 15:25	7/24/18 15:30
						Sample Delivery Group	320414631	320415601	320415601	320415601	320415601	320415601
						Matrix	Soil	Soil	Soil	Soil	Soil	Soil
						Sample Type	Primary	Primary	Field Duplicate	Primary	Primary	Primary
						Parent Sample			18-NLF-TP-16-S01			
Method	Units	CAS ID	Analyte	PAL[1]	CRSL[2]							
AK101	mg/kg	GRO	Gas Range Organics	300	NA		0.90 [1.0] B, J	1.0 [1.0] B, J, QN	0.54 [0.90] B, J	ND [2.1] QN	0.54 [1.1] B, J	0.37 [0.64] B, J
AK102	mg/kg	DRO	Diesel Range Organics	250	NA		2.1 [1.2] B, J	ND [1.1]	ND [1.1]	1.8 [1.5] J	26 [13]	0.78 [1.0] J
AK103	mg/kg	RRO	Residual Range Organics	10000	NA		16 [12] J	4.2 [11] J, QN	ND [11] QN	21 [15] J	180 [130] J	ND [10]
SW6020A	mg/kg	7440-38-2	Arsenic	0.2	0.88		**3.1 [0.19]**	**1.6 [0.14]**	**1.6 [0.13]**	**2.6 [0.23]**	**3.2 [0.16]**	**2.9 [0.16]**
SW6020A	mg/kg	7440-39-3	Barium	2100	2000		100 [0.19]	40 [0.14]	42 [0.13]	81 [0.23]	110 [0.16]	59 [0.16]
SW6020A	mg/kg	7440-43-9	Cadmium	9.1	9.2		0.092 [0.096] J	0.031 [0.069] J	0.033 [0.065] J	0.091 [0.11] J	0.087 [0.081] J	0.071 [0.081] J
SW6020A	mg/kg	7440-47-3	Chromium	100000	10000		5.0 [0.12]	5.0 [0.086]	4.1 [0.081]	3.7 [0.14]	9.0 [0.10]	10 [0.10]
SW6020A	mg/kg	7439-92-1	Lead	400	40		8.3 [0.091]	1.6 [0.065]	1.2 [0.062]	4.2 [0.11]	150 [0.077]	4.3 [0.077]
SW6020A	mg/kg	7440-02-0	Nickel	340	200		5.8 [0.24]	4.4 [0.17]	4.1 [0.16]	2.0 [0.28]	8.4 [0.20]	9.9 [0.20]
SW6020A	mg/kg	7782-49-2	Selenium	6.9	51		4.2 [0.48]	0.52 [0.34]	0.54 [0.32]	0.67 [0.56]	0.87 [0.40]	0.66 [0.40]
SW6020A	mg/kg	7440-22-4	Silver	11	51		0.029 [0.024] J	0.010 [0.017] J	0.011 [0.016] J	0.015 [0.028] J	0.026 [0.020] J	0.010 [0.020] J
SW6020A	mg/kg	7440-62-2	Vanadium	510	51		51 [0.48]	45 [0.34]	43 [0.32]	51 [0.56]	61 [0.40]	55 [0.40]
SW7471B	mg/kg	7439-97-6	Mercury	0.36	0.31		0.019 [0.027] J	0.0092 [0.026] J	0.011 [0.026] J	0.051 [0.036] J	0.029 [0.027] J	0.016 [0.024] J
SW8011	mg/kg	96-18-4	1,2,3-Trichloropropane	0.000031	0.0066		**0.00018 [0.00018] H, J, QL**	**ND [0.00017]**	**ND [0.00017]**	**ND [0.00023]**	**ND [0.00020]**	**ND [0.00017]**
SW8011	mg/kg	106-93-4	1,2-Dibromoethane	0.00024	0.042		ND [0.000044] H, QL	ND [0.000044]	ND [0.000043]	ND [0.000059]	ND [0.000049]	ND [0.000042]
SW8081B	mg/kg	309-00-2	Aldrin	0.0099	0.049		ND [0.00058]	ND [0.00057]	ND [0.00055]	0.00081 [0.0016] J	ND [0.0012]	ND [0.00051]
SW8081B	mg/kg	319-84-6	Alpha-Hexachlorocyclohexane	0.0029	0.11		ND [0.00058]	ND [0.00057]	ND [0.00055]	ND [0.0016]	ND [0.0012]	ND [0.00051]
SW8081B	mg/kg	319-85-7	Beta-Hexachlorocyclohexane	0.01	0.39		ND [0.00058]	ND [0.00057]	ND [0.00055]	ND [0.0016]	0.0031 [0.0012] J	ND [0.00051]
SW8081B	mg/kg	12789-03-6	Chlordane	0.18	2.2		ND [0.023]	ND [0.023]	ND [0.022]	ND [0.062]	ND [0.047]	ND [0.02]
SW8081B	mg/kg	5103-71-9	CIS-CHLORDANE	NA	NA		ND [0.00058]	ND [0.00057]	ND [0.00055]	ND [0.0016]	ND [0.0012]	ND [0.00051]
SW8081B	mg/kg	72-54-8	DDD	0.098	0.25		ND [0.00058]	ND [0.00057]	ND [0.00055]	ND [0.0016]	ND [0.0012]	ND [0.00051]
SW8081B	mg/kg	50-29-3	DDT	5.1	2.4		ND [0.0012]	ND [0.0011] QL	ND [0.0011] QL	ND [0.0031] QL	ND [0.0024] QL	ND [0.0010] QL
SW8081B	mg/kg	319-86-8	DELTA-BHC	NA	NA		ND [0.00058]	ND [0.00057]	ND [0.00055]	ND [0.0016]	ND [0.0012]	ND [0.00051]
SW8081B	mg/kg	60-57-1	Dieldrin	0.0047	0.044		ND [0.00058]	ND [0.00057]	ND [0.00055]	ND [0.0016]	ND [0.0012]	ND [0.00051]
SW8081B	mg/kg	115-29-7	Endosulfan (I + II)	9.3	61		ND [0.00116]	ND [0.00114]	ND [0.0011]	ND [0.0032]	ND [0.0024]	ND [0.00102]
SW8081B	mg/kg	959-98-8	ENDOSULFAN I	NA	NA		ND [0.00058]	ND [0.00057]	ND [0.00055]	ND [0.0016]	ND [0.0012]	ND [0.00051]
SW8081B	mg/kg	33213-65-9	ENDOSULFAN II	NA	NA		ND [0.00058]	ND [0.00057]	ND [0.00055]	ND [0.0016]	ND [0.0012]	ND [0.00051]
SW8081B	mg/kg	1031-07-8	ENDOSULFAN SULFATE	NA	NA		ND [0.0012]	ND [0.0011]	ND [0.0011]	ND [0.0031]	ND [0.0024]	ND [0.0010]
SW8081B	mg/kg	72-20-8	Endrin	0.61	2.5		ND [0.00031]	ND [0.00031]	ND [0.00029]	ND [0.00084]	ND [0.00063]	ND [0.00027]
SW8081B	mg/kg	7421-93-4	ENDRIN ALDEHYDE	NA	NA		ND [0.0012]	ND [0.0011] QN	0.00080 [0.0011] J, QN	ND [0.0031]	ND [0.0024]	ND [0.0010]
SW8081B	mg/kg	53494-70-5	ENDRIN KETONE	NA	NA		ND [0.0012]	ND [0.0011]	ND [0.0011]	ND [0.0031]	ND [0.0024]	ND [0.0010]
SW8081B	mg/kg	58-89-9	Gamma- (Lindane)Hexachlorocyclohexane	0.016	0.74		ND [0.00058]	ND [0.00057]	ND [0.00055]	ND [0.0016]	ND [0.0012]	ND [0.00051]
SW8081B	mg/kg	76-44-8	Heptachlor	0.0076	0.16		ND [0.00058]	ND [0.00057]	ND [0.00055]	ND [0.0016]	ND [0.0012]	ND [0.00051]
SW8081B	mg/kg	1024-57-3	Heptachlor Epoxide	0.0019	0.086		ND [0.00031]	ND [0.00031]	ND [0.00029]	0.0011 [0.00084] J	ND [0.00063]	ND [0.00027]
SW8081B	mg/kg	72-43-5	Methoxychlor	13	41		ND [0.0035]	ND [0.0034] QL	ND [0.0033] QL	ND [0.0093] QL	ND [0.0071] QL	ND [0.0030] QL
SW8081B	mg/kg	72-55-9	p,p'-DDE	0.72	2.5		ND [0.00058]	ND [0.00057]	ND [0.00055]	ND [0.0016]	ND [0.0012]	ND [0.00051]
SW8081B	mg/kg	8001-35-2	Toxaphene	0.72	0.64		ND [0.058]	ND [0.057] QL	ND [0.055] QL	ND [0.16] QL	ND [0.12] QL	ND [0.051] QL
SW8081B	mg/kg	5103-74-2	TRANS-CHLORDANE	NA	NA		ND [0.00031]	ND [0.00031]	ND [0.00029]	ND [0.00084]	ND [0.00063]	ND [0.00027]
SW8082A	mg/kg	12674-11-2	Aroclor 1016	NA	NA		ND [0.012]	ND [0.011]	ND [0.011]	ND [0.016] QL	ND [0.024]	ND [0.01]
SW8082A	mg/kg	11104-28-2	Aroclor 1221	NA	NA		ND [0.017]	ND [0.017]	ND [0.016]	ND [0.023] QL	ND [0.035]	ND [0.015]
SW8082A	mg/kg	11141-16-5	Aroclor 1232	NA	NA		ND [0.023]	ND [0.023]	ND [0.022]	ND [0.031] QL	ND [0.047]	ND [0.02]

					Sample ID	18-NLF-TP-15-S02	18-NLF-TP-16-S01	18-NLF-TP-16-S02	18-NLF-TP-16-S03	18-NLF-TP-17-S01	18-NLF-TP-17-S02
					Location ID	TP-15	TP-16	TP-16	TP-16	TP-17	TP-17
					Sample Date/Time	7/23/18 9:20	7/24/18 11:00	7/24/18 11:05	7/24/18 11:10	7/24/18 15:25	7/24/18 15:30
					Sample Delivery Group	320414631	320415601	320415601	320415601	320415601	320415601
					Matrix	Soil	Soil	Soil	Soil	Soil	Soil
					Sample Type	Primary	Primary	Field Duplicate	Primary	Primary	Primary
					Parent Sample			18-NLF-TP-16-S01			
Method	Units	CAS ID	Analyte	PAL[1]	CRSL[2]						
SW8082A	mg/kg	53469-21-9	Aroclor 1242	NA	NA	ND [0.023]	ND [0.023]	ND [0.022]	ND [0.031] QL	ND [0.047]	ND [0.02]
SW8082A	mg/kg	12672-29-6	Aroclor 1248	NA	NA	ND [0.017]	ND [0.017]	ND [0.016]	ND [0.023] QL	ND [0.035]	ND [0.015]
SW8082A	mg/kg	11097-69-1	Aroclor 1254	NA	NA	ND [0.012]	ND [0.011]	ND [0.011]	ND [0.016] QL	ND [0.024]	ND [0.01]
SW8082A	mg/kg	11096-82-5	Aroclor 1260	NA	NA	0.046 [0.012]	0.0057 [0.011] J, QN	ND [0.011] QN	0.0082 [0.016] J, QL	0.62 [0.024]	0.0033 [0.01] J
SW8082A	mg/kg	PCBS	PCBS	1	NA	0.046 [0.116]	0.0057 [0.113]	ND	0.0082 [0.156]	0.62 [0.236]	0.0033 [0.1]
SW8151A	mg/kg	93-76-5	2,4,5-Trichlorophenoxyacetic Acid	0.66	82	ND [0.088]	ND [0.086]	ND [0.088]	ND [0.12]	ND [0.49]	ND [0.084]
SW8151A	mg/kg	94-75-7	2,4-Dichlorophenoxy Acetic Acid	0.53	91	ND [0.088]	ND [0.086]	ND [0.088]	ND [0.12]	ND [0.49]	ND [0.084]
SW8151A	mg/kg	100-02-7	4-Nitrophenol	NA	NA	--	--	--	ND [0.12]	ND [0.49]	--
SW8151A	mg/kg	94-82-6	Butanoic acid, 4-(2,4-dichlorophenoxy)-	NA	NA	ND [0.088]	ND [0.086]	ND [0.088]	ND [0.12]	ND [0.49]	ND [0.084]
SW8151A	mg/kg	75-99-0	Dalapon	NA	NA	ND [0.13]	ND [0.13]	ND [0.13]	ND [0.17]	ND [0.73]	ND [0.13]
SW8151A	mg/kg	1918-00-9	Dicamba	NA	NA	ND [0.088]	ND [0.086]	ND [0.088]	ND [0.12]	ND [0.49]	ND [0.084]
SW8151A	mg/kg	120-36-5	Dichlorprop	NA	NA	ND [0.088]	ND [0.086]	ND [0.088]	ND [0.12]	ND [0.49]	ND [0.084]
SW8151A	mg/kg	88-85-7	Dinoseb	NA	NA	ND [0.13]	ND [0.13]	ND [0.13]	ND [0.17]	ND [0.73]	ND [0.13]
SW8151A	mg/kg	94-74-6	MCPA	NA	NA	ND [0.088]	ND [0.086]	ND [0.088]	ND [0.12]	ND [0.49]	ND [0.084]
SW8151A	mg/kg	93-65-2	MCPP	NA	NA	ND [0.088]	ND [0.086]	ND [0.088]	ND [0.12]	ND [0.49]	ND [0.084]
SW8151A	mg/kg	87-86-5	Pentachlorophenol	0.0043	1.3	--	--	--	--	--	--
SW8151A	mg/kg	93-72-1	Trichlorophenoxypropionic acid, -2,4,5	0.55	66	ND [0.088]	ND [0.086]	ND [0.088]	ND [0.12]	ND [0.49]	ND [0.084]
SW8260C	mg/kg	630-20-6	1,1,1,2-Tetrachloroethane	0.022	2.1	ND [0.0079]	ND [0.0076] QN	ND [0.0068]	ND [0.016] QN	ND [0.0082]	ND [0.0048]
SW8260C	mg/kg	71-55-6	1,1,1-Trichloroethane	32	36	ND [0.0039]	ND [0.0038] QN	ND [0.0034]	ND [0.0079] QN	ND [0.0041]	ND [0.0024]
SW8260C	mg/kg	75-34-3	1,1-Dichloroethane	0.092	4.6	ND [0.0039]	ND [0.0038] QN	ND [0.0034]	ND [0.0079] QN	ND [0.0041]	ND [0.0024]
SW8260C	mg/kg	75-35-4	1,1-Dichloroethene	1.2	33	ND [0.0079]	ND [0.0076] QN	ND [0.0068]	ND [0.016] QN	ND [0.0082]	ND [0.0048]
SW8260C	mg/kg	563-58-6	1,1-Dichloropropene	NA	NA	ND [0.0079]	ND [0.0076] QN	ND [0.0068]	ND [0.016] QN	ND [0.0082]	ND [0.0048]
SW8260C	mg/kg	87-61-6	1,2,3-Trichlorobenzene	0.15	8.1	ND [0.0079]	ND [0.0076] QN	ND [0.0068]	ND [0.016] QN	ND [0.0082]	ND [0.0048]
SW8260C	mg/kg	96-18-4	1,2,3-Trichloropropane	0.000031	0.0066	**ND [0.0079]**	**ND [0.0076] QN**	**ND [0.0068]**	**ND [0.016] QN**	**ND [0.0082]**	**ND [0.0048]**
SW8260C	mg/kg	120-82-1	1,2,4-Trichlorobenzene	0.082	4.5	--	--	--	ND [0.0079] QN	ND [0.0041]	ND [0.0024]
SW8260C	mg/kg	95-63-6	1,2,4-Trimethylbenzene	0.61	4.3	ND [0.0039]	ND [0.0038] QN	ND [0.0034]	ND [0.0079] QN	ND [0.0041]	ND [0.0024]
SW8260C	mg/kg	156-59-2	1,2-cis-Dichloroethylene	0.12	20	ND [0.016]	ND [0.015] QN	ND [0.014]	ND [0.032] QN	ND [0.016]	ND [0.0097]
SW8260C	mg/kg	96-12-8	1,2-Dibromo-3-chloropropane	NA	NA	ND [0.016]	ND [0.015] QN	ND [0.014]	ND [0.032] QN	ND [0.016]	ND [0.0097]
SW8260C	mg/kg	95-50-1	1,2-Dichlorobenzene	2.4	7.8	--	--	--	ND [0.0079] QN	ND [0.0041]	ND [0.0024]
SW8260C	mg/kg	78-87-5	1,2-Dichloropropane	0.03	1.7	ND [0.0079]	ND [0.0076] QN	ND [0.0068]	ND [0.016] QN	ND [0.0082]	ND [0.0048]
SW8260C	mg/kg	156-60-5	1,2-trans-Dichloroethylene	1.3	96	ND [0.0079]	ND [0.0076] QN	ND [0.0068]	ND [0.016] QN	ND [0.0082]	ND [0.0048]
SW8260C	mg/kg	108-67-8	1,3,5-Trimethylbenzene	0.66	3.7	ND [0.0039]	ND [0.0038] QN	ND [0.0034]	ND [0.0079] QN	ND [0.0041]	ND [0.0024]
SW8260C	mg/kg	541-73-1	1,3-Dichlorobenzene	2.3	6.2	--	--	--	ND [0.0079] QN	ND [0.0041]	ND [0.0024]
SW8260C	mg/kg	142-28-9	1,3-Dichloropropane	NA	NA	ND [0.0039]	ND [0.0038] QN	ND [0.0034]	ND [0.0079] QN	ND [0.0041]	ND [0.0024]
SW8260C	mg/kg	106-46-7	1,4-Dichlorobenzene	0.037	2.1	--	--	--	ND [0.0079] QN	ND [0.0041]	ND [0.0024]
SW8260C	mg/kg	594-20-7	2,2-Dichloropropane	NA	NA	ND [0.0079]	ND [0.0076] QN	ND [0.0068]	ND [0.016] QN	ND [0.0082]	ND [0.0048]
SW8260C	mg/kg	78-93-3	2-Butanone	15	2300	ND [0.039]	ND [0.038] QN	ND [0.034]	ND [0.079] QN	ND [0.041]	ND [0.024]
SW8260C	mg/kg	95-49-8	2-Chlorotoluene	NA	NA	ND [0.0039]	ND [0.0038] QN	ND [0.0034]	ND [0.0079] QN	ND [0.0041]	ND [0.0024]
SW8260C	mg/kg	591-78-6	2-Hexanone	0.11	27	ND [0.016]	ND [0.015] QN	ND [0.014]	ND [0.032] QN	ND [0.016]	ND [0.0097]
SW8260C	mg/kg	106-43-4	4-Chlorotoluene	NA	NA	ND [0.0039]	ND [0.0038] QN	ND [0.0034]	ND [0.0079] QN	ND [0.0041]	ND [0.0024]
SW8260C	mg/kg	99-87-6	4-Isopropyltoluene	NA	NA	ND [0.0039]	ND [0.0038] QN	ND [0.0034]	ND [0.0079] QN	ND [0.0041]	ND [0.0024]

					Sample ID	18-NLF-TP-15-S02	18-NLF-TP-16-S01	18-NLF-TP-16-S02	18-NLF-TP-16-S03	18-NLF-TP-17-S01	18-NLF-TP-17-S02
					Location ID	TP-15	TP-16	TP-16	TP-16	TP-17	TP-17
					Sample Date/Time	7/23/18 9:20	7/24/18 11:00	7/24/18 11:05	7/24/18 11:10	7/24/18 15:25	7/24/18 15:30
					Sample Delivery Group	320414631	320415601	320415601	320415601	320415601	320415601
					Matrix	Soil	Soil	Soil	Soil	Soil	Soil
					Sample Type	Primary	Primary	Field Duplicate	Primary	Primary	Primary
					Parent Sample			18-NLF-TP-16-S01			
Method	Units	CAS ID	Analyte	PAL[1]	CRSL[2]						
SW8260C	mg/kg	108-10-1	4-Methyl-2-pentanone	18	220	ND [0.0039]	ND [0.0038] QN	ND [0.0034]	ND [0.0079] QN	ND [0.0041]	ND [0.0024]
SW8260C	mg/kg	67-64-1	Acetone	38	8100	0.031 [0.052] J	0.052 [0.051] J, QN	ND [0.045] QN	0.058 [0.11] J, QN	0.028 [0.054] J	ND [0.032]
SW8260C	mg/kg	71-43-2	Benzene	0.022	1.1	ND [0.0039]	ND [0.0038] QN	ND [0.0034]	ND [0.0079] QN	ND [0.0041]	ND [0.0024]
SW8260C	mg/kg	108-86-1	Bromobenzene	0.36	16	ND [0.0079]	ND [0.0076] QN	ND [0.0068]	ND [0.016] QN	ND [0.0082]	ND [0.0048]
SW8260C	mg/kg	74-97-5	Bromochloromethane	NA	NA	ND [0.016]	ND [0.015] QN	ND [0.014]	ND [0.032] QN	ND [0.016]	ND [0.0097]
SW8260C	mg/kg	75-25-2	Bromoform	0.1	24	ND [0.016]	ND [0.015] QN	ND [0.014]	ND [0.032] QN	ND [0.016]	ND [0.0097]
SW8260C	mg/kg	75-15-0	Carbon disulfide	2.9	50	ND [0.0039]	ND [0.0038] QN	ND [0.0034]	ND [0.0079] QN	ND [0.0041]	ND [0.0024]
SW8260C	mg/kg	56-23-5	Carbon tetrachloride	0.021	0.91	ND [0.0039]	ND [0.0038] QN	ND [0.0034]	ND [0.0079] QN	ND [0.0041]	ND [0.0024]
SW8260C	mg/kg	108-90-7	Chlorobenzene	0.46	18	ND [0.0079]	ND [0.0076] QN	ND [0.0068]	ND [0.016] QN	ND [0.0082]	ND [0.0048]
SW8260C	mg/kg	75-00-3	Chloroethane	72	140	ND [0.016]	ND [0.015] QN	ND [0.014]	ND [0.032] QN	ND [0.016]	ND [0.0097]
SW8260C	mg/kg	74-87-3	Chloromethane	0.61	17	ND [0.0039]	ND [0.0038] QN	ND [0.0034]	ND [0.0079] QN	ND [0.0041]	ND [0.0024]
SW8260C	mg/kg	10061-01-5	cis-1,3-Dichloropropene	NA	NA	ND [0.0079]	ND [0.0076] QN	ND [0.0068]	ND [0.016] QN	ND [0.0082]	ND [0.0048]
SW8260C	mg/kg	98-82-8	Cumene	5.6	5.4	ND [0.0039]	ND [0.0038] QN	ND [0.0034]	ND [0.0079] QN	ND [0.0041]	ND [0.0024]
SW8260C	mg/kg	110-82-7	Cyclohexane	77	7.7	ND [0.026]	ND [0.025] QN	ND [0.023]	ND [0.053] QN	ND [0.027]	ND [0.016]
SW8260C	mg/kg	74-95-3	Dibromomethane	0.025	3.1	ND [0.0079]	ND [0.0076] QN	ND [0.0068]	ND [0.016] QN	ND [0.0082]	ND [0.0048]
SW8260C	mg/kg	75-71-8	Dichlorodifluoromethane (Freon 12)	3.9	15	ND [0.016]	ND [0.015] QN	ND [0.014]	ND [0.032] QN	ND [0.016]	ND [0.0097]
SW8260C	mg/kg	100-41-4	Ethylbenzene	0.13	4.9	ND [0.0079]	ND [0.0076] QN	ND [0.0068]	ND [0.016] QN	ND [0.0082]	ND [0.0048]
SW8260C	mg/kg	87-68-3	Hexachlorobutadiene	0.02	0.33	--	--	--	ND [0.016] QN	ND [0.0082]	--
SW8260C	mg/kg	75-09-2	Methylene chloride	0.33	46	ND [0.0079]	ND [0.0076] QN	ND [0.0068]	ND [0.016] QN	ND [0.0082]	ND [0.0048]
SW8260C	mg/kg	1634-04-4	Methyl-tert-butyl ether (MTBE)	0.4	67	ND [0.0039]	ND [0.0038] QN	ND [0.0034]	ND [0.0079] QN	ND [0.0041]	ND [0.0024]
SW8260C	mg/kg	179601-23-1	m-Xylene & p-Xylene	NA	NA	ND [0.0079]	ND [0.0076] QN	ND [0.0068]	ND [0.016] QN	ND [0.0082]	ND [0.0048]
SW8260C	mg/kg	91-20-3	Naphthalene	0.038	2.9	--	--	--	--	--	--
SW8260C	mg/kg	104-51-8	n-Butylbenzene	20	2	ND [0.0039]	ND [0.0038] QN	ND [0.0034]	ND [0.0079] QN	ND [0.0041]	ND [0.0024]
SW8260C	mg/kg	103-65-1	n-Propylbenzene	9.1	5.2	ND [0.0079]	ND [0.0076] QN	ND [0.0068]	ND [0.016] QN	ND [0.0082]	ND [0.0048]
SW8260C	mg/kg	95-47-6	o-Xylene	NA	NA	ND [0.0079]	ND [0.0076] QN	ND [0.0068]	ND [0.016] QN	ND [0.0082]	ND [0.0048]
SW8260C	mg/kg	135-98-8	sec-Butylbenzene	28	2.8	ND [0.0039]	ND [0.0038] QN	ND [0.0034]	ND [0.0079] QN	ND [0.0041]	ND [0.0024]
SW8260C	mg/kg	100-42-5	Styrene	10	18	ND [0.0039]	ND [0.0038] QN	ND [0.0034]	ND [0.0079] QN	ND [0.0041]	ND [0.0024]
SW8260C	mg/kg	98-06-6	tert-Butylbenzene	11	3.6	ND [0.0079]	ND [0.0076] QN	ND [0.0068]	ND [0.016] QN	ND [0.0082]	ND [0.0048]
SW8260C	mg/kg	127-18-4	Tetrachloroethene (PCE)	0.19	6.8	0.12 [0.0079]	ND [0.0076] QN	ND [0.0068]	ND [0.016] QN	ND [0.0082]	ND [0.0048]
SW8260C	mg/kg	108-88-3	Toluene	6.7	20	ND [0.0079]	0.0051 [0.0076] J, QN	ND [0.0068] QN	ND [0.016] QN	ND [0.0082]	ND [0.0048]
SW8260C	mg/kg	10061-02-6	trans-1,3-Dichloropropene	NA	NA	ND [0.0039]	ND [0.0038] QN	ND [0.0034]	ND [0.0079] QN	ND [0.0041]	ND [0.0024]
SW8260C	mg/kg	75-69-4	Trichlorofluoromethane (Freon 11)	41	98	ND [0.016]	ND [0.015] QN	ND [0.014]	ND [0.032] QN	0.053 [0.016]	ND [0.0097]
SW8260C	mg/kg	1330-20-7	Xylenes	1.5	5.7	ND [0.0158]	ND [0.0152]	ND [0.0136]	ND [0.032]	ND [0.0164]	ND [0.0096]
SW8260C SIM	mg/kg	79-34-5	1,1,2,2-Tetrachloroethane	0.003	0.61	ND [0.0010]	ND [0.0010] QN	ND [0.00090]	ND [0.0021] QN	ND [0.0011]	ND [0.00064]
SW8260C SIM	mg/kg	79-00-5	1,1,2-Trichloroethane	0.0014	0.16	ND [0.0010]	ND [0.0010] QN	ND [0.00090]	**ND [0.0021] QN**	ND [0.0011]	ND [0.00064]
SW8260C SIM	mg/kg	107-06-2	1,2-Dichloroethane	0.0055	0.55	ND [0.00052]	ND [0.00051] QN	ND [0.00045]	ND [0.0011] QN	ND [0.00054]	ND [0.00032]
SW8260C SIM	mg/kg	75-27-4	Bromodichloromethane	0.0043	0.36	ND [0.00052]	ND [0.00051] QN	ND [0.00045]	ND [0.0011] QN	ND [0.00054]	ND [0.00032]
SW8260C SIM	mg/kg	74-83-9	Bromomethane	0.024	1	ND [0.0021]	ND [0.0020] QN	ND [0.0018]	ND [0.0042] QN	ND [0.0022]	ND [0.0013]
SW8260C SIM	mg/kg	67-66-3	Chloroform	0.0071	0.40	ND [0.0021]	ND [0.0020] QN	ND [0.0018]	ND [0.0042] QN	ND [0.0022]	ND [0.0013]
SW8260C SIM	mg/kg	124-48-1	Dibromochloromethane	0.0027	11	ND [0.00052]	ND [0.00051] QN	ND [0.00045]	ND [0.0011] QN	ND [0.00054]	ND [0.00032]
SW8260C SIM	mg/kg	79-01-6	Trichloroethene (TCE)	0.011	0.49	**0.1 [0.00052]**	ND [0.00051] QN	ND [0.00045]	ND [0.0011] QN	ND [0.00054]	ND [0.00032]

						Sample ID	18-NLF-TP-15-S02	18-NLF-TP-16-S01	18-NLF-TP-16-S02	18-NLF-TP-16-S03	18-NLF-TP-17-S01	18-NLF-TP-17-S02
						Location ID	TP-15	TP-16	TP-16	TP-16	TP-17	TP-17
						Sample Date/Time	7/23/18 9:20	7/24/18 11:00	7/24/18 11:05	7/24/18 11:10	7/24/18 15:25	7/24/18 15:30
						Sample Delivery Group	320414631	320415601	320415601	320415601	320415601	320415601
						Matrix	Soil	Soil	Soil	Soil	Soil	Soil
						Sample Type	Primary	Primary	Field Duplicate	Primary	Primary	Primary
						Parent Sample			18-NLF-TP-16-S01			
Method	Units	CAS ID	Analyte	PAL[1]	CRSL[2]							
SW8260C SIM	mg/kg	75-01-4	Vinyl Chloride	0.0008	0.065		**ND [0.0010]**	**ND [0.0010] QN**	**ND [0.00090]**	**ND [0.0021] QN**	**ND [0.0011]**	ND [0.00064]
SW8270D	mg/kg	120-82-1	1,2,4-Trichlorobenzene	0.082	4.5		ND [0.0029]	ND [0.0028]	ND [0.0028]	--	--	--
SW8270D	mg/kg	95-50-1	1,2-Dichlorobenzene	2.4	7.8		ND [0.0029]	ND [0.0028]	ND [0.0028]	--	--	--
SW8270D	mg/kg	541-73-1	1,3-Dichlorobenzene	2.3	6.2		ND [0.0029]	ND [0.0028]	ND [0.0028]	--	--	--
SW8270D	mg/kg	106-46-7	1,4-Dichlorobenzene	0.037	2.1		ND [0.0029]	ND [0.0028]	ND [0.0028]	--	--	--
SW8270D	mg/kg	95-95-4	2,4,5-Trichlorophenol	28	820		ND [0.029]	ND [0.028]	ND [0.028]	ND [0.38]	ND [1.6]	ND [0.028]
SW8270D	mg/kg	88-06-2	2,4,6-Trichlorophenol	0.092	8.2		ND [0.0029]	ND [0.0028]	ND [0.0028]	ND [0.038]	**ND [0.16]**	ND [0.0028]
SW8270D	mg/kg	120-83-2	2,4-Dichlorophenol	0.21	25		ND [0.0029]	ND [0.0028]	ND [0.0028]	ND [0.038]	ND [0.16]	ND [0.0028]
SW8270D	mg/kg	105-67-9	2,4-Dimethylphenol	3.2	160		ND [0.0058]	ND [0.0056]	ND [0.0056]	ND [0.076]	ND [0.31]	ND [0.0055]
SW8270D	mg/kg	51-28-5	2,4-Dinitrophenol	0.34	16		ND [0.23]	ND [0.22]	ND [0.23]	**ND [3.1]**	**ND [13]**	ND [0.22]
SW8270D	mg/kg	121-14-2	2,4-Dinitrotoluene	0.024	2.3		ND [0.0029]	ND [0.0028]	ND [0.0028]	**ND [0.038]**	**ND [0.16]**	ND [0.0028]
SW8270D	mg/kg	606-20-2	2,6-Dinitrotoluene	0.005	0.47		ND [0.0029]	ND [0.0028]	ND [0.0028]	**ND [0.038]**	**ND [0.16]**	ND [0.0028]
SW8270D	mg/kg	95-57-8	2-Chlorophenol	0.71	51		ND [0.0029]	ND [0.0028]	ND [0.0028]	ND [0.038]	ND [0.16]	ND [0.0028]
SW8270D	mg/kg	91-57-6	2-Methylnaphthalene	1.3	31		--	--	--	--	--	--
SW8270D	mg/kg	88-75-5	2-Nitrophenol	NA	NA		ND [0.0029]	ND [0.0028]	ND [0.0028]	ND [0.038]	ND [0.16]	ND [0.0028]
SW8270D	mg/kg	15831-10-4	3 & 4 METHYLPHENOL	NA	NA		ND [0.0029]	ND [0.0028]	ND [0.0028]	ND [0.038]	ND [0.16]	ND [0.0028]
SW8270D	mg/kg	91-94-1	3,3'-Dichlorobenzidine	0.056	1.6		**ND [0.058]**	**ND [0.056]**	**ND [0.056]**	**ND [0.76]**	**ND [3.1]**	ND [0.055]
SW8270D	mg/kg	99-09-2	3-Nitroaniline	NA	NA		ND [0.029]	ND [0.028]	ND [0.028]	ND [0.38]	ND [1.6]	ND [0.028]
SW8270D	mg/kg	101-55-3	4-Bromophenyl-phenylether	NA	NA		ND [0.029]	ND [0.028]	ND [0.028]	ND [0.38]	ND [1.6]	ND [0.028]
SW8270D	mg/kg	7005-72-3	4-Chlorophenyl-phenylether	NA	NA		ND [0.0029]	ND [0.0028]	ND [0.0028]	ND [0.038]	ND [0.16]	ND [0.0028]
SW8270D	mg/kg	100-02-7	4-Nitrophenol	NA	NA		ND [0.058]	ND [0.056]	ND [0.056]	--	--	ND [0.055]
SW8270D	mg/kg	120-12-7	Anthracene	390	2300		--	--	--	--	0.22 [0.16] J	--
SW8270D	mg/kg	56-55-3	Benz[a]anthracene	0.7	1.4		--	--	--	--	0.56 [0.16] J	--
SW8270D	mg/kg	50-32-8	Benzo(a)pyrene	1.5	0.15		--	--	--	--	0.78 [0.31] J	--
SW8270D	mg/kg	205-99-2	Benzo(b)fluoranthene	15	1.5		--	--	--	--	0.74 [0.16] J	--
SW8270D	mg/kg	207-08-9	Benzo(k)fluoranthene	150	15		--	--	--	--	0.35 [0.31] J	--
SW8270D	mg/kg	100-51-6	Benzyl Alcohol	5.7	820		ND [0.058]	ND [0.056]	ND [0.056]	ND [0.76]	ND [3.1]	ND [0.055]
SW8270D	mg/kg	91-58-7	Beta-Chloronaphthalene	26	620		ND [0.0029]	ND [0.0028]	ND [0.0028]	ND [0.038]	ND [0.16]	ND [0.0028]
SW8270D	mg/kg	108-60-1	Bis(2-chloro-1-methylethyl) ether	NA	NA		ND [0.0058]	ND [0.0056]	ND [0.0056]	ND [0.076]	ND [0.31]	ND [0.0055]
SW8270D	mg/kg	111-91-1	Bis(2-chloroethoxy)methane	NA	NA		ND [0.0029]	ND [0.0028]	ND [0.0028]	ND [0.038]	ND [0.16]	ND [0.0028]
SW8270D	mg/kg	117-81-7	Bis(2-ethylhexyl)phthalate	88	50		0.031 [0.058] B, J	0.037 [0.056] B, J	0.04 [0.056] B, J	ND [0.76]	ND [3.1]	0.04 [0.055] B, J
SW8270D	mg/kg	85-68-7	Butyl Benzyl Phthalate	16	370		ND [0.029]	ND [0.028]	ND [0.028]	ND [0.38]	ND [1.6]	ND [0.028]
SW8270D	mg/kg	86-74-8	Carbazole	NA	NA		ND [0.0029]	ND [0.0028]	ND [0.0028]	ND [0.038]	ND [0.16]	ND [0.0028]
SW8270D	mg/kg	218-01-9	Chrysene	600	150		--	--	--	--	0.83 [0.16] J	--
SW8270D	mg/kg	59-50-7	Cresol, p-chloro-m-	NA	NA		ND [0.0029]	ND [0.0028]	ND [0.0028]	ND [0.038]	ND [0.16]	ND [0.0028]
SW8270D	mg/kg	132-64-9	Dibenzofuran	0.97	9.5		ND [0.0029]	ND [0.0028]	ND [0.0028]	ND [0.038]	ND [0.16]	ND [0.0028]
SW8270D	mg/kg	84-74-2	Dibutyl Phthalate	16	820		ND [0.029]	ND [0.028]	ND [0.028]	ND [0.38]	ND [1.6]	ND [0.028]
SW8270D	mg/kg	84-66-2	Diethyl Phthalate	60	6600		ND [0.0029]	ND [0.0028]	ND [0.0028]	ND [0.038]	ND [0.16]	ND [0.0028]
SW8270D	mg/kg	131-11-3	Dimethylphthalate	48	6600		ND [0.0029]	ND [0.0028]	ND [0.0028]	ND [0.038]	ND [0.16]	ND [0.0028]
SW8270D	mg/kg	534-52-1	Dinitro-o-cresol, 4,6-	NA	NA		ND [0.23]	ND [0.22]	ND [0.23]	ND [3.1]	ND [13]	ND [0.22]
SW8270D	mg/kg	117-84-0	di-N-Octyl Phthalate	370	82		ND [0.0058]	ND [0.0056]	ND [0.0056]	ND [0.076]	ND [0.31]	ND [0.0055]

					Sample ID	18-NLF-TP-15-S02	18-NLF-TP-16-S01	18-NLF-TP-16-S02	18-NLF-TP-16-S03	18-NLF-TP-17-S01	18-NLF-TP-17-S02
					Location ID	TP-15	TP-16	TP-16	TP-16	TP-17	TP-17
					Sample Date/Time	7/23/18 9:20	7/24/18 11:00	7/24/18 11:05	7/24/18 11:10	7/24/18 15:25	7/24/18 15:30
					Sample Delivery Group	320414631	320415601	320415601	320415601	320415601	320415601
					Matrix	Soil	Soil	Soil	Soil	Soil	Soil
					Sample Type	Primary	Primary	Field Duplicate	Primary	Primary	Primary
					Parent Sample			18-NLF-TP-16-S01			
Method	Units	CAS ID	Analyte	PAL[1]	CRSL[2]						
SW8270D	mg/kg	206-44-0	Fluoranthene	590	310	--	--	--	--	1.1 [0.16] J	--
SW8270D	mg/kg	87-68-3	Hexachlorobutadiene	0.02	0.33	ND [0.0029]	ND [0.0028]	ND [0.0028]	--	--	ND [0.0028]
SW8270D	mg/kg	67-72-1	Hexachloroethane	0.018	1.7	ND [0.0029]	ND [0.0028]	ND [0.0028]	**ND [0.038]**	**ND [0.16]**	ND [0.0028]
SW8270D	mg/kg	193-39-5	Indeno(1,2,3-cd)pyrene	15	1.5	--	--	--	--	--	--
SW8270D	mg/kg	78-59-1	Isophorone	2.7	740	ND [0.0029]	ND [0.0028]	ND [0.0028]	ND [0.038]	ND [0.16]	ND [0.0028]
SW8270D	mg/kg	88-74-4	Nitroaniline, 2-	NA	NA	ND [0.0029]	ND [0.0028]	ND [0.0028]	ND [0.038]	ND [0.16]	ND [0.0028]
SW8270D	mg/kg	100-01-6	Nitroaniline, 4-	NA	NA	ND [0.0029]	ND [0.0028]	ND [0.0028]	ND [0.038]	ND [0.16]	ND [0.0028]
SW8270D	mg/kg	98-95-3	Nitrobenzene	0.0079	4.3	ND [0.0029]	ND [0.0028]	ND [0.0028]	**ND [0.038]**	**ND [0.16]**	ND [0.0028]
SW8270D	mg/kg	62-75-9	N-Nitrosodimethylamine	0.0000033	0.0026	**ND [0.029]**	**ND [0.028]**	**ND [0.028]**	**ND [0.38]**	**ND [1.6]**	**ND [0.028]**
SW8270D	mg/kg	86-30-6	N-Nitrosodiphenylamine	4.6	140	ND [0.0058]	ND [0.0056]	ND [0.0056]	ND [0.076]	ND [0.31]	ND [0.0055]
SW8270D	mg/kg	95-48-7	o-Cresol	6.2	410	ND [0.0029]	ND [0.0028]	ND [0.0028]	ND [0.038]	ND [0.16]	ND [0.0028]
SW8270D	mg/kg	106-47-8	p-Chloroaniline	0.015	3.5	**ND [0.029]**	**ND [0.028]**	**ND [0.028]**	**ND [0.38]**	**ND [1.6]**	**ND [0.028]**
SW8270D	mg/kg	85-01-8	Phenanthrene	39	230	--	--	--	--	0.93 [0.16] J	--
SW8270D	mg/kg	108-95-2	Phenol	29	2500	ND [0.029]	ND [0.028]	ND [0.028]	ND [0.38]	ND [1.6]	ND [0.028]
SW8270D	mg/kg	129-00-0	Pyrene	87	230	--	--	--	--	1.1 [0.31] J	--
SW8270D SIM	mg/kg	90-12-0	1-Methylnaphthalene	0.41	6.8	ND [0.0011]	ND [0.0010]	ND [0.0012]	ND [0.0015]	0.0042 [0.0012] J	ND [0.0011]
SW8270D SIM	mg/kg	91-57-6	2-Methylnaphthalene	1.3	31	ND [0.0011]	ND [0.0010]	ND [0.0012]	ND [0.0015]	0.0048 [0.0012] J	ND [0.0011]
SW8270D SIM	mg/kg	83-32-9	Acenaphthene	37	460	ND [0.0011]	ND [0.0010]	ND [0.0012]	ND [0.0015]	0.076 [0.0012]	ND [0.0011]
SW8270D SIM	mg/kg	208-96-8	Acenaphthylene	18	230	ND [0.0011]	ND [0.0010]	ND [0.0012]	ND [0.0015]	0.0063 [0.0012]	ND [0.0011]
SW8270D SIM	mg/kg	120-12-7	Anthracene	390	2300	ND [0.0011]	ND [0.0010]	ND [0.0012]	ND [0.0015]	--	ND [0.0011]
SW8270D SIM	mg/kg	56-55-3	Benz[a]anthracene	0.7	1.4	0.00055 [0.0011] J	ND [0.0010]	ND [0.0012]	ND [0.0015]	--	ND [0.0011]
SW8270D SIM	mg/kg	50-32-8	Benzo(a)pyrene	1.5	0.15	ND [0.0011]	ND [0.0010]	ND [0.0012]	ND [0.0015]	--	ND [0.0011]
SW8270D SIM	mg/kg	205-99-2	Benzo(b)fluoranthene	15	1.5	0.0012 [0.0022] J	ND [0.0020]	ND [0.0024]	ND [0.0031]	--	ND [0.0021]
SW8270D SIM	mg/kg	207-08-9	Benzo(k)fluoranthene	150	15	ND [0.0022]	ND [0.0020]	ND [0.0024]	ND [0.0031]	--	ND [0.0021]
SW8270D SIM	mg/kg	191-24-2	Benzo[g,h,i]perylene	2300	230	ND [0.0033]	ND [0.0030]	ND [0.0036]	ND [0.0046]	0.44 [0.0037]	ND [0.0032]
SW8270D SIM	mg/kg	111-44-4	Bis(2-chloroethyl)ether	0.00042	0.28	**ND [0.0029]**	**ND [0.0027]**	**ND [0.0027]**	**ND [0.0037]**	**ND [0.015]**	**ND [0.0025]**
SW8270D SIM	mg/kg	218-01-9	Chrysene	600	150	0.0017 [0.0011] J	ND [0.0010]	ND [0.0012]	ND [0.0015]	--	ND [0.0011]
SW8270D SIM	mg/kg	53-70-3	Dibenz[a,h]anthracene	1.5	0.15	ND [0.0033]	ND [0.0030]	ND [0.0036]	ND [0.0046]	0.13 [0.0037]	ND [0.0032]
SW8270D SIM	mg/kg	206-44-0	Fluoranthene	590	310	0.00070 [0.0011] J	ND [0.0010]	ND [0.0012]	ND [0.0015]	--	ND [0.0011]
SW8270D SIM	mg/kg	86-73-7	Fluorene	36	310	ND [0.0011]	ND [0.0010]	ND [0.0012]	ND [0.0015]	0.058 [0.0012]	ND [0.0011]
SW8270D SIM	mg/kg	118-74-1	Hexachlorobenzene	0.0082	0.20	ND [0.0029]	ND [0.0027]	ND [0.0027]	ND [0.0037]	**ND [0.015]**	ND [0.0025]
SW8270D SIM	mg/kg	77-47-4	Hexachlorocyclopentadiene	0.0093	0.14	ND [0.0014] QL	ND [0.0013] QL	ND [0.0013] QL	ND [0.0018] QL	ND [0.0073] QL	ND [0.0013] QL
SW8270D SIM	mg/kg	193-39-5	Indeno(1,2,3-cd)pyrene	15	1.5	ND [0.0011]	ND [0.0010]	ND [0.0012]	ND [0.0015]	0.52 [0.0012]	ND [0.0011]
SW8270D SIM	mg/kg	91-20-3	Naphthalene	0.038	2.9	0.00085 [0.0011] J	ND [0.0010]	ND [0.0012]	0.012 [0.0015]	0.0070 [0.0012]	ND [0.0011]
SW8270D SIM	mg/kg	621-64-7	N-Nitroso-di-N-propylamine	0.00068	0.100	**ND [0.0029]**	**ND [0.0027]**	**ND [0.0027]**	**ND [0.0037]**	**ND [0.015]**	**ND [0.0025]**
SW8270D SIM	mg/kg	87-86-5	Pentachlorophenol	0.0043	1.3	**ND [0.0058]**	**ND [0.0053]**	**ND [0.0054]**	**ND [0.0073]**	**ND [0.029]**	**ND [0.0050]**
SW8270D SIM	mg/kg	85-01-8	Phenanthrene	39	230	0.0028 [0.0011] J	ND [0.0010]	ND [0.0012]	0.0010 [0.0015] J	--	0.00056 [0.0011] J
SW8270D SIM	mg/kg	129-00-0	Pyrene	87	230	0.00083 [0.0011] J	ND [0.0010]	ND [0.0012]	ND [0.0015]	--	ND [0.0011]

					Sample ID	18-NLF-MW-06-W01	18-NLF-MW-07-W01	18-NLF-MW-08-W01	18-NLF-MW-08-W02	18-NLF-MW-09-W01
					Location ID	MW-06	MW-07	MW-08	MW-08	MW-09
					Sample Date/Time	7/28/18 14:35	7/24/18 15:10	7/25/18 17:00	7/25/18 17:30	7/28/18 19:00
					Sample Delivery Group	320416461, FA56389, JC71220	320415601, FA56317, JC71220	320415602, FA56317, JC71220	320415602, FA56317, JC71220	320416601, FA56389, JC71220
					Matrix	WG	WG	WG	WG	WG
					Sample Type	Primary	Primary	Primary	Field Duplicate	Primary
					Parent Sample				18-NLF-MW-08-W01	
Method	Units	CAS ID	Analyte	PAL[1]	CRSL[2]					
AK101	ug/L	GRO	Gas Range Organics	2200	220	16 [25] B, J	17 [25] B, J	20 [25] B, J	17 [25] B, J	15 [25] B, J
AK102	ug/L	DRO	Diesel Range Organics	1500	150	130 [130] B, J	120 [120] B, J	81 [120] B, J, QL	98 [130] B, J	83 [120] B, J, QN
AK103	ug/L	RRO	Residual Range Organics	1100	110	290 [320] B, J	ND [310]	ND [310]	ND [320]	170 [310] B, J, QN
E218.7	ug/L	18540-29-9	Chromium (VI)	0.35	0.035	0.057 [0.025]	0.29 [0.025]	0.088 [0.025] QN	0.22 [0.025] QN	0.13 [0.025]
SW6020A	ug/L	7440-38-2	Arsenic	0.52	0.052	**1.4 [0.40]**	**5.0 [0.40]**	**2.9 [0.40]**	**2.9 [0.40]**	**2.1 [0.40]**
SW6020A	ug/L	7440-39-3	Barium	3800	380	12 [0.40]	46 [0.40]	17 [0.40]	17 [0.40]	14 [0.40]
SW6020A	ug/L	7440-43-9	Cadmium	9.2	0.92	ND [0.30]	0.12 [0.30] J	0.11 [0.30] J, QN	ND [0.30] QN	ND [0.30]
SW6020A	ug/L	7440-47-3	Chromium	NA	NA	1.6 [0.30]	7.5 [0.30]	2.4 [0.30]	2.3 [0.30]	1.7 [0.30]
SW6020A	ug/L	7439-92-1	Lead	15	1.5	0.88 [0.60]	2.6 [0.60]	1.2 [0.60]	1.2 [0.60]	0.90 [0.60]
SW6020A	ug/L	7440-02-0	Nickel	390	39	2.3 [0.30] B, J	7.8 [0.30]	2.4 [0.30] B, J	2.4 [0.30] B, J	2.2 [0.30] B, J
SW6020A	ug/L	7782-49-2	Selenium	100	10	ND [6.0]	2.2 [6.0] J	ND [6.0]	ND [6.0]	ND [6.0]
SW6020A	ug/L	7440-22-4	Silver	94	9.4	ND [0.070]	ND [0.070]	ND [0.070]	ND [0.070]	ND [0.070]
SW6020A	ug/L	7440-62-2	Vanadium	86	8.6	9.1 [1.0]	29 [1.0]	14 [1.0]	14 [1.0]	11 [1.0]
SW7470A	ug/L	7439-97-6	Mercury	0.52	0.052	0.10 [0.20] J	ND [0.20]	ND [0.20]	ND [0.20]	ND [0.20]
SW8011	ug/L	96-18-4	1,2,3-Trichloropropane	0.0075	0.00075	**ND [0.017]**	**ND [0.017]**	**ND [0.017]**	**ND [0.017]**	**ND [0.017]**
SW8011	ug/L	106-93-4	1,2-Dibromoethane	0.075	0.0075	ND [0.0056]	ND [0.0057]	ND [0.0057]	ND [0.0057]	ND [0.0056]
SW8081B	ug/L	309-00-2	Aldrin	0.0092	0.00092	ND [0.0062]	ND [0.0064]	ND [0.0063]	ND [0.0062]	ND [0.0063]
SW8081B	ug/L	319-84-6	Alpha-Hexachlorocyclohexane	0.072	0.0072	ND [0.013]	ND [0.013]	ND [0.013]	ND [0.013]	ND [0.013]
SW8081B	ug/L	319-85-7	Beta-Hexachlorocyclohexane	0.25	0.025	ND [0.013]	ND [0.013]	ND [0.013]	ND [0.013]	ND [0.013]
SW8081B	ug/L	12789-03-6	Chlordane	0.20	0.020	**ND [0.39]**	**ND [0.40]**	**ND [0.39]**	**ND [0.39]**	**ND [0.39]**
SW8081B	ug/L	5103-71-9	CIS-CHLORDANE	NA	NA	ND [0.0062]	ND [0.0064]	ND [0.0063]	ND [0.0062]	ND [0.0063]
SW8081B	ug/L	72-54-8	DDD	0.060	0.0060	ND [0.013]	ND [0.013]	ND [0.013]	ND [0.013]	ND [0.013]
SW8081B	ug/L	50-29-3	DDT	2.3	0.23	ND [0.013]	ND [0.013]	ND [0.013] H	ND [0.013]	ND [0.013]
SW8081B	ug/L	319-86-8	DELTA-BHC	NA	NA	ND [0.013]	ND [0.013]	ND [0.013]	ND [0.013]	ND [0.013]
SW8081B	ug/L	60-57-1	Dieldrin	0.018	0.0018	ND [0.013]	ND [0.013]	ND [0.013]	ND [0.013]	ND [0.013]
SW8081B	ug/L	115-29-7	Endosulfan (I + II)	100	10	ND [0.0192]	ND [0.0194]	ND [0.0193]	ND [0.0192]	ND [0.0193]
SW8081B	ug/L	959-98-8	ENDOSULFAN I	NA	NA	ND [0.0062]	ND [0.0064]	ND [0.0063]	ND [0.0062]	ND [0.0063]
SW8081B	ug/L	33213-65-9	ENDOSULFAN II	NA	NA	ND [0.013]	ND [0.013]	ND [0.013]	ND [0.013]	ND [0.013]
SW8081B	ug/L	1031-07-8	ENDOSULFAN SULFATE	NA	NA	ND [0.013]	ND [0.013]	ND [0.013]	ND [0.013]	ND [0.013]
SW8081B	ug/L	72-20-8	Endrin	2.3	0.23	ND [0.013]	ND [0.013]	ND [0.013]	ND [0.013]	ND [0.013]
SW8081B	ug/L	7421-93-4	ENDRIN ALDEHYDE	NA	NA	ND [0.042]	ND [0.043]	ND [0.042]	ND [0.041]	ND [0.042]
SW8081B	ug/L	53494-70-5	ENDRIN KETONE	NA	NA	ND [0.042]	ND [0.043]	ND [0.042]	ND [0.041]	ND [0.042]
SW8081B	ug/L	58-89-9	Gamma- (Lindane)Hexachlorocyclohexane	0.42	0.042	ND [0.0062]	ND [0.0064]	ND [0.0063]	ND [0.0062]	ND [0.0063]
SW8081B	ug/L	76-44-8	Heptachlor	0.014	0.0014	ND [0.013]	ND [0.013]	ND [0.013]	ND [0.013]	ND [0.013]
SW8081B	ug/L	1024-57-3	Heptachlor Epoxide	0.014	0.0014	ND [0.0062]	ND [0.0064]	ND [0.0063]	ND [0.0062]	ND [0.0063]
SW8081B	ug/L	72-43-5	Methoxychlor	37	3.7	ND [0.042]	ND [0.043]	ND [0.042]	ND [0.041]	ND [0.042]
SW8081B	ug/L	72-55-9	p,p'-DDE	0.46	0.046	ND [0.013]	ND [0.013]	ND [0.013]	ND [0.013]	ND [0.013]
SW8081B	ug/L	8001-35-2	Toxaphene	0.71	0.071	ND [0.52]	ND [0.53]	ND [0.53]	ND [0.52]	ND [0.52]
SW8081B	ug/L	5103-74-2	TRANS-CHLORDANE	NA	NA	ND [0.013]	ND [0.013]	ND [0.013]	ND [0.013]	ND [0.013]
SW8082A	ug/L	12674-11-2	Aroclor 1016	NA	NA	ND [0.13] QL	ND [0.13]	ND [0.13] QL	ND [0.13] QL	ND [0.13] QL

						Sample ID	18-NLF-MW-06-W01	18-NLF-MW-07-W01	18-NLF-MW-08-W01	18-NLF-MW-08-W02	18-NLF-MW-09-W01
						Location ID	MW-06	MW-07	MW-08	MW-08	MW-09
						Sample Date/Time	7/28/18 14:35	7/24/18 15:10	7/25/18 17:00	7/25/18 17:30	7/28/18 19:00
						Sample Delivery Group	320416461, FA56389, JC71220	320415601, FA56317, JC71220	320415602, FA56317, JC71220	320415602, FA56317, JC71220	320416601, FA56389, JC71220
						Matrix	WG	WG	WG	WG	WG
						Sample Type	Primary	Primary	Primary	Field Duplicate	Primary
						Parent Sample				18-NLF-MW-08-W01	
Method	Units	CAS ID	Analyte	PAL[1]	CRSL[2]						
SW8082A	ug/L	11104-28-2	Aroclor 1221	NA	NA		ND [0.42] QL	ND [0.43]	ND [0.42] QL	ND [0.41] QL	ND [0.42] QL
SW8082A	ug/L	11141-16-5	Aroclor 1232	NA	NA		ND [0.13] QL	ND [0.13]	ND [0.13] QL	ND [0.13] QL	ND [0.13] QL
SW8082A	ug/L	53469-21-9	Aroclor 1242	NA	NA		ND [0.26] QL	ND [0.27]	ND [0.26] QL	ND [0.26] QL	ND [0.26] QL
SW8082A	ug/L	12672-29-6	Aroclor 1248	NA	NA		ND [0.26] QL	ND [0.27]	ND [0.26] QL	ND [0.26] QL	ND [0.26] QL
SW8082A	ug/L	11097-69-1	Aroclor 1254	NA	NA		ND [0.26] QL	ND [0.27]	ND [0.26] QL	ND [0.26] QL	ND [0.26] QL
SW8082A	ug/L	11096-82-5	Aroclor 1260	NA	NA		ND [0.13] QL	ND [0.13]	ND [0.13] QL	ND [0.13] QL	ND [0.13] QL
SW8082A	ug/L	PCBS	PCBS	NA	NA		ND	ND	ND	ND	ND
SW8151	ug/L	93-76-5	2,4,5-Trichlorophenoxyacetic Acid	160	16		ND [0.024]	ND [0.024]	ND [0.024]	ND [0.024]	ND [0.024]
SW8151	ug/L	94-75-7	2,4-Dichlorophenoxy Acetic Acid	170	17		ND [0.24]	ND [0.24]	ND [0.24]	ND [0.24]	ND [0.24]
SW8151	ug/L	94-82-6	Butanoic acid, 4-(2,4-dichlorophenoxy)-	NA	NA		ND [0.24]	ND [0.24]	ND [0.24]	ND [0.24]	ND [0.24]
SW8151	ug/L	75-99-0	Dalapon	NA	NA		ND [0.6]	ND [0.6]	ND [0.6]	ND [0.6]	ND [0.61]
SW8151	ug/L	1918-00-9	Dicamba	NA	NA		ND [0.024]	ND [0.024]	ND [0.024]	ND [0.024]	ND [0.024]
SW8151	ug/L	120-36-5	Dichlorprop	NA	NA		ND [0.24]	ND [0.24]	ND [0.24]	ND [0.24]	ND [0.024]
SW8151	ug/L	88-85-7	Dinoseb	NA	NA		ND [0.48]	ND [0.48]	ND [0.48]	ND [0.48]	ND [0.49]
SW8151	ug/L	94-74-6	MCPA	NA	NA		ND [36]	ND [36]	ND [36]	ND [36]	ND [36]
SW8151	ug/L	93-65-2	MCPP	NA	NA		ND [24]	ND [24]	ND [24]	ND [24]	ND [24]
SW8151	ug/L	87-86-5	Pentachlorophenol	0.41	0.041		ND [0.024]	ND [0.024]	ND [0.024]	ND [0.024]	ND [0.024]
SW8151	ug/L	93-72-1	Trichlorophenoxypropionic acid, -2,4,5	110	11		ND [0.024]	ND [0.24]	ND [0.024]	ND [0.024]	ND [0.024]
SW8260C	ug/L	630-20-6	1,1,1,2-Tetrachloroethane	5.7	0.57		ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	71-55-6	1,1,1-Trichloroethane	8000	800		ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	79-34-5	1,1,2,2-Tetrachloroethane	0.76	0.076		ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	75-34-3	1,1-Dichloroethane	28	2.8		ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	75-35-4	1,1-Dichloroethene	280	28		ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	563-58-6	1,1-Dichloropropene	NA	NA		ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	87-61-6	1,2,3-Trichlorobenzene	7.0	0.70		ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	96-18-4	1,2,3-Trichloropropane	0.0075	0.00075		**ND [0.40]**	**ND [0.40]**	**ND [0.40]**	**ND [0.40]**	**ND [0.40]**
SW8260C	ug/L	95-63-6	1,2,4-Trimethylbenzene	56	5.6		ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	156-59-2	1,2-cis-Dichloroethylene	36	3.6		ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	96-12-8	1,2-Dibromo-3-chloropropane	NA	NA		ND [0.80]	ND [0.80]	ND [0.80]	ND [0.80]	ND [0.80]
SW8260C	ug/L	107-06-2	1,2-Dichloroethane	1.7	0.17		ND [0.50]	ND [0.50]	ND [0.50]	ND [0.50]	ND [0.50]
SW8260C	ug/L	78-87-5	1,2-Dichloropropane	8.2	0.82		ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	156-60-5	1,2-trans-Dichloroethylene	360	36		ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	108-67-8	1,3,5-Trimethylbenzene	60	6		ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	142-28-9	1,3-Dichloropropane	NA	NA		ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	594-20-7	2,2-Dichloropropane	NA	NA		ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	78-93-3	2-Butanone	5600	560		ND [0.80]	ND [0.80]	ND [0.80]	ND [0.80]	ND [0.80]
SW8260C	ug/L	95-49-8	2-Chlorotoluene	NA	NA		ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	591-78-6	2-Hexanone	38	3.8		ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	106-43-4	4-Chlorotoluene	NA	NA		ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	99-87-6	4-Isopropyltoluene	NA	NA		ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]

						Sample ID	18-NLF-MW-06-W01	18-NLF-MW-07-W01	18-NLF-MW-08-W01	18-NLF-MW-08-W02	18-NLF-MW-09-W01
						Location ID	MW-06	MW-07	MW-08	MW-08	MW-09
						Sample Date/Time	7/28/18 14:35	7/24/18 15:10	7/25/18 17:00	7/25/18 17:30	7/28/18 19:00
						Sample Delivery Group	320416461, FA56389, JC71220	320415601, FA56317, JC71220	320415602, FA56317, JC71220	320415602, FA56317, JC71220	320416601, FA56389, JC71220
						Matrix	WG	WG	WG	WG	WG
						Sample Type	Primary	Primary	Primary	Field Duplicate	Primary
						Parent Sample				18-NLF-MW-08-W01	
Method	Units	CAS ID	Analyte	PAL[1]	CRSL[2]						
SW8260C	ug/L	108-10-1	4-Methyl-2-pentanone	6300	630	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	67-64-1	Acetone	14000	1400	2.3 [5.0] J	2.3 [5.0] J	3.2 [5.0] J	2.9 [5.0] J	2.5 [5.0] J
SW8260C	ug/L	71-43-2	Benzene	4.6	0.46	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	108-86-1	Bromobenzene	62	6.2	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	74-97-5	Bromochloromethane	NA	NA	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	75-27-4	Bromodichloromethane	1.3	0.13	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	75-25-2	Bromoform	33	3.3	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	74-83-9	Bromomethane	7.5	0.75	ND [0.80]	ND [0.80]	ND [0.80]	ND [0.80]	ND [0.80]
SW8260C	ug/L	75-15-0	Carbon disulfide	810	81	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	56-23-5	Carbon tetrachloride	4.6	0.46	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	108-90-7	Chlorobenzene	78	7.8	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	75-00-3	Chloroethane	21000	2100	ND [0.80]	ND [0.80]	ND [0.80]	ND [0.80]	ND [0.80]
SW8260C	ug/L	67-66-3	Chloroform	2.2	0.22	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	74-87-3	Chloromethane	190	19	ND [0.80]	ND [0.80]	ND [0.80]	ND [0.80]	ND [0.80]
SW8260C	ug/L	10061-01-5	cis-1,3-Dichloropropene	NA	NA	ND [0.80]	ND [0.80]	ND [0.80]	ND [0.80]	ND [0.80]
SW8260C	ug/L	98-82-8	Cumene	450	45	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	110-82-7	Cyclohexane	13000	1300	ND [0.80]	ND [0.80]	ND [0.80]	ND [0.80]	ND [0.80]
SW8260C	ug/L	124-48-1	Dibromochloromethane	8.7	0.87	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	74-95-3	Dibromomethane	8.3	0.83	ND [0.80]	ND [0.80]	ND [0.80]	ND [0.80]	ND [0.80]
SW8260C	ug/L	75-71-8	Dichlorodifluoromethane (Freon 12)	200	20	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	100-41-4	Ethylbenzene	15	1.5	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	75-09-2	Methylene chloride	110	11	ND [0.80]	ND [0.80]	ND [0.80]	ND [0.80]	ND [0.80]
SW8260C	ug/L	1634-04-4	Methyl-tert-butyl ether (MTBE)	140	14	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	179601-23-1	m-Xylene & p-Xylene	NA	NA	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	104-51-8	n-Butylbenzene	1000	100	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	103-65-1	n-Propylbenzene	660	66	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	95-47-6	o-Xylene	NA	NA	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	135-98-8	sec-Butylbenzene	2000	200	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	100-42-5	Styrene	1200	120	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	98-06-6	tert-Butylbenzene	690	69	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	127-18-4	Tetrachloroethene (PCE)	41	4.1	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	108-88-3	Toluene	1100	110	ND [0.80]	ND [0.80]	ND [0.80]	ND [0.80]	ND [0.80]
SW8260C	ug/L	10061-02-6	trans-1,3-Dichloropropene	NA	NA	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	79-01-6	Trichloroethene (TCE)	2.8	0.28	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	75-69-4	Trichlorofluoromethane (Freon 11)	5200	520	ND [0.80]	ND [0.80]	ND [0.80]	ND [0.80]	ND [0.80]
SW8260C	ug/L	1330-20-7	Xylenes	190	19	ND [0.8]	ND [0.8]	ND [0.8]	ND [0.8]	ND [0.8]
SW8260C SIM	ug/L	79-00-5	1,1,2-Trichloroethane	0.41	0.041	ND [0.040]	ND [0.040]	ND [0.040]	ND [0.040]	ND [0.040]
SW8260C SIM	ug/L	75-01-4	Vinyl Chloride	0.19	0.019	ND [0.040]	ND [0.040]	ND [0.040]	ND [0.040]	ND [0.040]
SW8270	ug/L	123-91-1	1,4-Dioxane	4.6	0.46			ND [0.48]	ND [0.48]	
SW8270D	ug/L	120-82-1	1,2,4-Trichlorobenzene	4.0	0.40	ND [0.35]	ND [0.37]	ND [0.37]	ND [0.36]	ND [0.35]

						Sample ID	18-NLF-MW-06-W01	18-NLF-MW-07-W01	18-NLF-MW-08-W01	18-NLF-MW-08-W02	18-NLF-MW-09-W01
						Location ID	MW-06	MW-07	MW-08	MW-08	MW-09
						Sample Date/Time	7/28/18 14:35	7/24/18 15:10	7/25/18 17:00	7/25/18 17:30	7/28/18 19:00
						Sample Delivery Group	320416461, FA56389, JC71220	320415601, FA56317, JC71220	320415602, FA56317, JC71220	320415602, FA56317, JC71220	320416601, FA56389, JC71220
						Matrix	WG	WG	WG	WG	WG
						Sample Type	Primary	Primary	Primary	Field Duplicate	Primary
						Parent Sample				18-NLF-MW-08-W01	
Method	Units	CAS ID	Analyte	PAL[1]	CRSL[2]						
SW8270D	ug/L	95-50-1	1,2-Dichlorobenzene	300	30	ND [0.35]	ND [0.37]	ND [0.37]	ND [0.36]	ND [0.35]
SW8270D	ug/L	541-73-1	1,3-Dichlorobenzene	300	30	ND [0.35]	ND [0.37]	ND [0.37]	ND [0.36]	ND [0.35]
SW8270D	ug/L	106-46-7	1,4-Dichlorobenzene	4.8	0.48	ND [0.24]	ND [0.25]	ND [0.25]	ND [0.25]	ND [0.24]
SW8270D	ug/L	95-95-4	2,4,5-Trichlorophenol	1200	120	ND [0.24]	ND [0.25]	ND [0.25]	ND [0.25]	ND [0.24]
SW8270D	ug/L	88-06-2	2,4,6-Trichlorophenol	12	1.2	ND [0.24]	ND [0.25]	ND [0.25]	ND [0.25]	ND [0.24]
SW8270D	ug/L	120-83-2	2,4-Dichlorophenol	46	4.6	ND [0.24]	ND [0.25]	ND [0.25]	ND [0.25]	ND [0.24]
SW8270D	ug/L	105-67-9	2,4-Dimethylphenol	360	36	ND [0.24]	ND [0.25]	ND [0.25]	ND [0.25]	ND [0.24]
SW8270D	ug/L	51-28-5	2,4-Dinitrophenol	39	3.9	ND [4.7]	ND [4.9]	ND [5.1]	ND [4.9]	ND [4.8]
SW8270D	ug/L	121-14-2	2,4-Dinitrotoluene	2.4	0.24	ND [0.24]	ND [0.25]	ND [0.25]	ND [0.25]	ND [0.24]
SW8270D	ug/L	606-20-2	2,6-Dinitrotoluene	0.49	0.049	ND [0.24]	ND [0.25]	ND [0.25]	ND [0.25]	ND [0.24]
SW8270D	ug/L	95-57-8	2-Chlorophenol	91	9.1	ND [0.24]	ND [0.25]	ND [0.25]	ND [0.25]	ND [0.24]
SW8270D	ug/L	88-75-5	2-Nitrophenol	NA	NA	ND [0.24]	ND [0.25]	ND [0.25]	ND [0.25]	ND [0.24]
SW8270D	ug/L	15831-10-4	3 & 4 METHYLPHENOL	NA	NA	ND [0.24]	ND [0.25]	ND [0.25]	ND [0.25]	ND [0.24]
SW8270D	ug/L	99-09-2	3-Nitroaniline	NA	NA	ND [0.24]	ND [0.25]	ND [0.25]	ND [0.25]	ND [0.24]
SW8270D	ug/L	101-55-3	4-Bromophenyl-phenylether	NA	NA	ND [0.24]	ND [0.25]	ND [0.25]	ND [0.25]	ND [0.24]
SW8270D	ug/L	7005-72-3	4-Chlorophenyl-phenylether	NA	NA	ND [0.24]	ND [0.25]	ND [0.25]	ND [0.25]	ND [0.24]
SW8270D	ug/L	100-02-7	4-Nitrophenol	NA	NA	ND [0.70]	ND [0.73]	ND [0.75]	ND [0.73]	ND [0.71]
SW8270D	ug/L	120-12-7	Anthracene	43	4.3	ND [0.019]	ND [0.020]	ND [0.020]	ND [0.020]	ND [0.019]
SW8270D	ug/L	56-55-3	Benz[a]anthracene	0.30	0.030	ND [0.019]	ND [0.020]	ND [0.020]	ND [0.020]	ND [0.019]
SW8270D	ug/L	100-51-6	Benzyl Alcohol	2000	200	0.25 [0.24] B, J	ND [0.25]	ND [0.25]	ND [0.25]	0.24 [0.24] J
SW8270D	ug/L	91-58-7	Beta-Chloronaphthalene	750	75	ND [0.35]	ND [0.37]	ND [0.37]	ND [0.36]	ND [0.35]
SW8270D	ug/L	108-60-1	Bis(2-chloro-1-methylethyl) ether	NA	NA	ND [0.35]	ND [0.37]	ND [0.37]	ND [0.36]	ND [0.35]
SW8270D	ug/L	111-91-1	Bis(2-chloroethoxy)methane	NA	NA	ND [0.24]	ND [0.25]	ND [0.25]	ND [0.25]	ND [0.24]
SW8270D	ug/L	117-81-7	Bis(2-ethylhexyl)phthalate	56	5.6	1.5 [2.4] B, J, QN	2.2 [2.5] B, J	1.5 [2.5] B, J	1.6 [2.5] B, J	1.8 [2.4] B, J, QN
SW8270D	ug/L	85-68-7	Butyl Benzyl Phthalate	160	16	ND [2.4]	ND [2.5]	ND [2.5]	ND [2.5]	ND [2.4]
SW8270D	ug/L	86-74-8	Carbazole	NA	NA	ND [0.24]	ND [0.25]	ND [0.25]	ND [0.25]	ND [0.24]
SW8270D	ug/L	218-01-9	Chrysene	2	0.2	ND [0.019]	ND [0.020]	ND [0.020]	ND [0.020]	ND [0.019]
SW8270D	ug/L	59-50-7	Cresol, p-chloro-m-	NA	NA	ND [0.35]	ND [0.37]	ND [0.37]	ND [0.36]	ND [0.35]
SW8270D	ug/L	132-64-9	Dibenzofuran	7.9	0.79	ND [0.24]	ND [0.25]	ND [0.25]	ND [0.25]	ND [0.24]
SW8270D	ug/L	84-74-2	Dibutyl Phthalate	900	90	ND [0.35]	ND [0.37]	ND [0.37]	ND [0.36]	ND [0.35]
SW8270D	ug/L	84-66-2	Diethyl Phthalate	15000	1500	ND [0.24]	ND [0.25]	ND [0.25]	ND [0.25]	ND [0.24]
SW8270D	ug/L	131-11-3	Dimethylphthalate	16000	1600	ND [0.24]	ND [0.25]	ND [0.25]	ND [0.25]	ND [0.24]
SW8270D	ug/L	534-52-1	Dinitro-o-cresol, 4,6-	NA	NA	ND [0.70]	ND [0.73]	ND [0.75]	ND [0.73]	ND [0.71]
SW8270D	ug/L	117-84-0	di-N-Octyl Phthalate	22	2.2	ND [0.35]	ND [0.37]	ND [0.37]	ND [0.36]	ND [0.35]
SW8270D	ug/L	86-73-7	Fluorene	290	29	ND [0.019]	ND [0.020]	ND [0.020]	ND [0.020]	ND [0.019]
SW8270D	ug/L	87-68-3	Hexachlorobutadiene	1.4	0.14	ND [0.35]	ND [0.37]	ND [0.37]	ND [0.36]	ND [0.35]
SW8270D	ug/L	77-47-4	Hexachlorocyclopentadiene	0.41	0.041	ND [0.35] QL	ND [0.37]	ND [0.37]	ND [0.36]	ND [0.35] QL
SW8270D	ug/L	67-72-1	Hexachloroethane	3.3	0.33	ND [0.35]	ND [0.37]	ND [0.37]	ND [0.36]	ND [0.35]
SW8270D	ug/L	78-59-1	Isophorone	780	78	ND [0.24]	ND [0.25]	ND [0.25]	ND [0.25]	ND [0.24]
SW8270D	ug/L	91-20-3	Naphthalene	1.7	0.17	ND [0.019]	ND [0.020]	ND [0.020]	ND [0.020]	ND [0.019]

						Sample ID	18-NLF-MW-06-W01	18-NLF-MW-07-W01	18-NLF-MW-08-W01	18-NLF-MW-08-W02	18-NLF-MW-09-W01
						Location ID	MW-06	MW-07	MW-08	MW-08	MW-09
						Sample Date/Time	7/28/18 14:35	7/24/18 15:10	7/25/18 17:00	7/25/18 17:30	7/28/18 19:00
						Sample Delivery Group	320416461, FA56389, JC71220	320415601, FA56317, JC71220	320415602, FA56317, JC71220	320415602, FA56317, JC71220	320416601, FA56389, JC71220
						Matrix	WG	WG	WG	WG	WG
						Sample Type	Primary	Primary	Primary	Field Duplicate	Primary
						Parent Sample				18-NLF-MW-08-W01	
Method	Units	CAS ID	Analyte	PAL[1]	CRSL[2]						
SW8270D	ug/L	88-74-4	Nitroaniline, 2-	NA	NA		ND [0.24]	ND [0.25]	ND [0.25]	ND [0.25]	ND [0.24]
SW8270D	ug/L	100-01-6	Nitroaniline, 4-	NA	NA		ND [0.24]	ND [0.25]	ND [0.25]	ND [0.25]	ND [0.24]
SW8270D	ug/L	98-95-3	Nitrobenzene	1.4	0.14		ND [0.35]	ND [0.37]	ND [0.37]	ND [0.36]	ND [0.35]
SW8270D	ug/L	86-30-6	N-Nitrosodiphenylamine	120	12		ND [0.24]	ND [0.25]	ND [0.25]	ND [0.25]	ND [0.24]
SW8270D	ug/L	95-48-7	o-Cresol	930	93		ND [0.24]	ND [0.25]	ND [0.25]	ND [0.25]	ND [0.24]
SW8270D	ug/L	106-47-8	p-Chloroaniline	3.7	0.37		ND [0.35]	ND [0.37]	ND [0.37]	ND [0.36]	ND [0.35]
SW8270D	ug/L	85-01-8	Phenanthrene	170	17		ND [0.019]	ND [0.020]	ND [0.020]	ND [0.020]	ND [0.019]
SW8270D	ug/L	108-95-2	Phenol	5800	580		ND [0.24]	ND [0.25]	ND [0.25]	ND [0.25]	ND [0.24]
SW8270D SIM	ug/L	90-12-0	1-Methylnaphthalene	11	1.1		ND [0.012]	ND [0.012]	ND [0.012]	ND [0.012]	ND [0.013]
SW8270D SIM	ug/L	91-57-6	2-Methylnaphthalene	36	3.6		ND [0.012]	ND [0.012]	ND [0.012]	ND [0.012]	ND [0.013]
SW8270D SIM	ug/L	91-94-1	3,3'-Dichlorobenzidine	1.3	0.13		ND [0.38]	ND [0.40]	ND [0.41]	ND [0.39]	ND [0.38]
SW8270D SIM	ug/L	83-32-9	Acenaphthene	530	53		ND [0.012]	ND [0.012]	ND [0.012]	ND [0.012]	ND [0.013]
SW8270D SIM	ug/L	208-96-8	Acenaphthylene	260	26		ND [0.012]	ND [0.012]	ND [0.012]	ND [0.012]	ND [0.013]
SW8270D SIM	ug/L	50-32-8	Benzo(a)pyrene	0.25	0.025		ND [0.024]	0.031 [0.025] J	ND [0.025] QN	0.026 [0.025] J, QN	ND [0.024]
SW8270D SIM	ug/L	205-99-2	Benzo(b)fluoranthene	2.5	0.25		ND [0.024]	ND [0.024]	ND [0.024] QL	ND [0.025]	ND [0.025]
SW8270D SIM	ug/L	207-08-9	Benzo(k)fluoranthene	0.8	0.08		ND [0.024]	ND [0.024]	ND [0.024] QL	ND [0.025]	ND [0.025]
SW8270D SIM	ug/L	191-24-2	Benzo[g,h,i]perylene	0.26	0.026		ND [0.012]	ND [0.012]	ND [0.012] QL	ND [0.012]	ND [0.013]
SW8270D SIM	ug/L	111-44-4	Bis(2-chloroethyl)ether	0.14	0.014		ND [0.012]	0.023 [0.013] J	ND [0.013]	ND [0.013]	ND [0.012]
SW8270D SIM	ug/L	53-70-3	Dibenz[a,h]anthracene	0.25	0.025		ND [0.024]	0.029 [0.025] J	ND [0.025] QN	0.023 [0.025] J, QN	ND [0.024]
SW8270D SIM	ug/L	206-44-0	Fluoranthene	260	26		ND [0.036]	ND [0.036]	ND [0.037]	ND [0.037]	ND [0.038]
SW8270D SIM	ug/L	118-74-1	Hexachlorobenzene	0.098	0.0098		ND [0.012]	0.021 [0.013] J	ND [0.013] QN	0.016 [0.013] J, QN	ND [0.012]
SW8270D SIM	ug/L	193-39-5	Indeno(1,2,3-cd)pyrene	0.19	0.019		ND [0.024]	ND [0.024]	ND [0.024] QL	ND [0.025]	ND [0.025]
SW8270D SIM	ug/L	62-75-9	N-Nitrosodimethylamine	0.0011	0.00011		**ND [0.19]**	**ND [0.20]**	**ND [0.20]**	**ND [0.20]**	**ND [0.19]**
SW8270D SIM	ug/L	621-64-7	N-Nitroso-di-N-propylamine	0.11	0.011		ND [0.024]	0.029 [0.025] J	0.020 [0.025] J	0.033 [0.025] J	ND [0.024]
SW8270D SIM	ug/L	129-00-0	Pyrene	120	12		ND [0.036]	ND [0.036]	ND [0.037]	ND [0.037]	ND [0.038]

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				Sample ID	TBS-072318-01	TBS-072418-01	TBS-072518-01	TBS-072518-02	TBS-072918-11	TBS-072918-14
				Location ID	N/A	N/A	N/A	N/A	N/A	N/A
				Sample Date/Time	7/23/2018	7/24/2018	7/25/2018	7/25/2018	7/29/2018	7/26/2018
				Sample Delivery Group	320414141	320414631	320415601	320415601	320416481	320416481
				Matrix	Soil	Soil	Soil	Soil	Soil	Soil
				Sample Type	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Method	Units	CAS ID	Analyte	PAL[1]						
AK101	mg/kg	GRO	Gas Range Organics	300	1.2 [2.0] J, QN	4.3 [2.0] J	1.2 [2.0] J	--	1.5 [2.0] J	--
SW8011	mg/kg	96-18-4	1,2,3-Trichloropropane	0.000031	**ND [0.0016]**	**ND [0.0016]**	--	**ND [0.00016]**	--	**ND [0.00015]**
SW8011	mg/kg	106-93-4	1,2-Dibromoethane	0.00024	**ND [0.00039]**	**ND [0.00039]**	--	ND [0.000040]	--	ND [0.000038]
SW8260C	mg/kg	630-20-6	1,1,1,2-Tetrachloroethane	0.022	ND [0.015] QN	ND [0.015]	ND [0.015]	--	ND [0.015]	--
SW8260C	mg/kg	71-55-6	1,1,1-Trichloroethane	32	ND [0.0075] QN	ND [0.0075]	ND [0.0075]	--	ND [0.0075]	--
SW8260C	mg/kg	75-34-3	1,1-Dichloroethane	0.092	ND [0.0075] QN	ND [0.0075]	ND [0.0075]	--	ND [0.0075]	--
SW8260C	mg/kg	75-35-4	1,1-Dichloroethene	1.2	ND [0.015] QN	ND [0.015]	ND [0.015]	--	ND [0.015]	--
SW8260C	mg/kg	563-58-6	1,1-Dichloropropene	NA	ND [0.015] QN	ND [0.015]	ND [0.015]	--	ND [0.015]	--
SW8260C	mg/kg	87-61-6	1,2,3-Trichlorobenzene	0.15	ND [0.015] QN	ND [0.015]	ND [0.015]	--	ND [0.015]	--
SW8260C	mg/kg	96-18-4	1,2,3-Trichloropropane	0.000031	--	--	**ND [0.015]**	--	**ND [0.015]**	--
SW8260C	mg/kg	120-82-1	1,2,4-Trichlorobenzene	0.082	ND [0.0075] QN	ND [0.0075]	ND [0.0075]	--	ND [0.0075]	--
SW8260C	mg/kg	95-63-6	1,2,4-Trimethylbenzene	0.61	ND [0.0075] QN	ND [0.0075]	ND [0.0075]	--	ND [0.0075]	--
SW8260C	mg/kg	156-59-2	1,2-cis-Dichloroethylene	0.12	ND [0.03] QN	ND [0.03]	ND [0.03]	--	ND [0.03]	--
SW8260C	mg/kg	96-12-8	1,2-Dibromo-3-chloropropane	NA	ND [0.03] QN	ND [0.03]	ND [0.03]	--	ND [0.03]	--
SW8260C	mg/kg	95-50-1	1,2-Dichlorobenzene	2.4	ND [0.0075] QN	ND [0.0075]	ND [0.0075]	--	ND [0.0075]	--
SW8260C	mg/kg	78-87-5	1,2-Dichloropropane	0.03	ND [0.015] QN	ND [0.015]	ND [0.015]	--	ND [0.015]	--
SW8260C	mg/kg	156-60-5	1,2-trans-Dichloroethylene	1.3	ND [0.015] QN	ND [0.015]	ND [0.015]	--	ND [0.015]	--
SW8260C	mg/kg	108-67-8	1,3,5-Trimethylbenzene	0.66	ND [0.0075] QN	ND [0.0075]	ND [0.0075]	--	ND [0.0075]	--
SW8260C	mg/kg	541-73-1	1,3-Dichlorobenzene	2.3	ND [0.0075] QN	ND [0.0075]	ND [0.0075]	--	ND [0.0075]	--
SW8260C	mg/kg	142-28-9	1,3-Dichloropropane	NA	ND [0.0075] QN	ND [0.0075]	ND [0.0075]	--	ND [0.0075]	--
SW8260C	mg/kg	106-46-7	1,4-Dichlorobenzene	0.037	ND [0.0075] QN	ND [0.0075]	ND [0.0075]	--	ND [0.0075]	--
SW8260C	mg/kg	594-20-7	2,2-Dichloropropane	NA	ND [0.015] QN	ND [0.015]	ND [0.015]	--	ND [0.015]	--
SW8260C	mg/kg	78-93-3	2-Butanone	15	ND [0.075] QN	ND [0.075]	ND [0.075]	--	ND [0.075]	--
SW8260C	mg/kg	95-49-8	2-Chlorotoluene	NA	ND [0.0075] QN	ND [0.0075]	ND [0.0075]	--	ND [0.0075]	--
SW8260C	mg/kg	591-78-6	2-Hexanone	0.11	ND [0.03] QN	ND [0.03]	ND [0.03]	--	ND [0.03]	--
SW8260C	mg/kg	106-43-4	4-Chlorotoluene	NA	ND [0.0075] QN	ND [0.0075]	ND [0.0075]	--	ND [0.0075]	--
SW8260C	mg/kg	99-87-6	4-Isopropyltoluene	NA	ND [0.0075] QN	ND [0.0075]	ND [0.0075]	--	ND [0.0075]	--
SW8260C	mg/kg	108-10-1	4-Methyl-2-pentanone	18	ND [0.0075] QN	ND [0.0075]	ND [0.0075]	--	ND [0.0075]	--
SW8260C	mg/kg	67-64-1	Acetone	38	ND [0.1] QN	0.28 [0.1] J	0.2 [0.1] J	--	0.2 [0.1] J	--
SW8260C	mg/kg	71-43-2	Benzene	0.022	ND [0.0075] QN	ND [0.0075]	ND [0.0075]	--	ND [0.0075]	--
SW8260C	mg/kg	108-86-1	Bromobenzene	0.36	ND [0.015] QN	ND [0.015]	ND [0.015]	--	ND [0.015]	--
SW8260C	mg/kg	74-97-5	Bromochloromethane	NA	ND [0.03] QN	ND [0.03]	ND [0.03]	--	ND [0.03]	--
SW8260C	mg/kg	75-25-2	Bromoform	0.1	ND [0.03] QN	ND [0.03]	ND [0.03]	--	ND [0.03]	--
SW8260C	mg/kg	75-15-0	Carbon disulfide	2.9	ND [0.0075] QN	ND [0.0075]	ND [0.0075]	--	ND [0.0075]	--
SW8260C	mg/kg	56-23-5	Carbon tetrachloride	0.021	ND [0.0075] QN	ND [0.0075]	ND [0.0075]	--	ND [0.0075]	--
SW8260C	mg/kg	108-90-7	Chlorobenzene	0.46	ND [0.015] QN	ND [0.015]	ND [0.015]	--	ND [0.015]	--
SW8260C	mg/kg	75-00-3	Chloroethane	72	ND [0.03] QN	ND [0.03]	ND [0.03]	--	ND [0.03]	--
SW8260C	mg/kg	74-87-3	Chloromethane	0.61	ND [0.0075] QN	ND [0.0075]	ND [0.0075]	--	ND [0.0075]	--
SW8260C	mg/kg	10061-01-5	cis-1,3-Dichloropropene	NA	ND [0.015] QN	ND [0.015]	ND [0.015]	--	ND [0.015]	--
SW8260C	mg/kg	98-82-8	Cumene	5.6	ND [0.0075] QN	ND [0.0075]	ND [0.0075]	--	ND [0.0075]	--

[1] 18 AAC 75 Table B MTG or U40 HH (10/2018)
Flags and acronyms defined at end of tables
LOD shown in brackets

				Sample ID	TBS-072318-01	TBS-072418-01	TBS-072518-01	TBS-072518-02	TBS-072918-11	TBS-072918-14
				Location ID	N/A	N/A	N/A	N/A	N/A	N/A
				Sample Date/Time	7/23/2018	7/24/2018	7/25/2018	7/25/2018	7/29/2018	7/26/2018
				Sample Delivery Group	320414141	320414631	320415601	320415601	320416481	320416481
				Matrix	Soil	Soil	Soil	Soil	Soil	Soil
				Sample Type	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Method	Units	CAS ID	Analyte	PAL[1]						
SW8260C	mg/kg	110-82-7	Cyclohexane	77	ND [0.05] QN	ND [0.05]	ND [0.05]	--	ND [0.05]	--
SW8260C	mg/kg	74-95-3	Dibromomethane	0.025	ND [0.015] QN	ND [0.015]	ND [0.015]	--	ND [0.015]	--
SW8260C	mg/kg	75-71-8	Dichlorodifluoromethane (Freon 12)	3.9	ND [0.03] QN	ND [0.03]	ND [0.03]	--	ND [0.03]	--
SW8260C	mg/kg	100-41-4	Ethylbenzene	0.13	ND [0.015] QN	ND [0.015]	ND [0.015]	--	ND [0.015]	--
SW8260C	mg/kg	87-68-3	Hexachlorobutadiene	0.02	ND [0.015] QN	ND [0.015]	ND [0.015]	--	ND [0.015]	--
SW8260C	mg/kg	75-09-2	Methylene chloride	0.33	ND [0.015] QN	ND [0.015]	ND [0.015]	--	ND [0.015]	--
SW8260C	mg/kg	1634-04-4	Methyl-tert-butyl ether (MTBE)	0.4	ND [0.0075] QN	ND [0.0075]	ND [0.0075]	--	ND [0.0075]	--
SW8260C	mg/kg	179601-23-1	m-Xylene & p-Xylene	NA	ND [0.015] QN	0.0064 [0.015] J	ND [0.015]	--	0.0091 [0.015] J	--
SW8260C	mg/kg	91-20-3	Naphthalene	0.038	ND [0.0075] QN	ND [0.0075]	ND [0.0075]	--	ND [0.0075]	--
SW8260C	mg/kg	104-51-8	n-Butylbenzene	20	ND [0.0075] QN	ND [0.0075]	ND [0.0075]	--	ND [0.0075]	--
SW8260C	mg/kg	103-65-1	n-Propylbenzene	9.1	ND [0.015] QN	ND [0.015]	ND [0.015]	--	ND [0.015]	--
SW8260C	mg/kg	95-47-6	o-Xylene	NA	ND [0.015] QN	ND [0.015]	ND [0.015]	--	ND [0.015]	--
SW8260C	mg/kg	135-98-8	sec-Butylbenzene	28	ND [0.0075] QN	ND [0.0075]	ND [0.0075]	--	ND [0.0075]	--
SW8260C	mg/kg	100-42-5	Styrene	10	ND [0.0075] QN	ND [0.0075]	ND [0.0075]	--	ND [0.0075]	--
SW8260C	mg/kg	98-06-6	tert-Butylbenzene	11	ND [0.015] QN	ND [0.015]	ND [0.015]	--	ND [0.015]	--
SW8260C	mg/kg	127-18-4	Tetrachloroethene (PCE)	0.19	ND [0.015] QN	ND [0.015]	ND [0.015]	--	ND [0.015]	--
SW8260C	mg/kg	108-88-3	Toluene	6.7	ND [0.015] QN	0.015 [0.015] J	ND [0.015]	--	0.012 [0.015] J	--
SW8260C	mg/kg	10061-02-6	trans-1,3-Dichloropropene	NA	ND [0.0075] QN	ND [0.0075]	ND [0.0075]	--	ND [0.0075]	--
SW8260C	mg/kg	75-69-4	Trichlorofluoromethane (Freon 11)	41	ND [0.03] QN	ND [0.03]	ND [0.03]	--	ND [0.03]	--
SW8260C	mg/kg	1330-20-7	Xylenes	1.5	ND [0.03]	0.0214 [0.03]	ND [0.03]	--	0.0241 [0.03]	--
SW8260C SIM	mg/kg	79-34-5	1,1,2,2-Tetrachloroethane	0.003	ND [0.0020] QN	ND [0.0020]	ND [0.0020]	--	ND [0.0020]	--
SW8260C SIM	mg/kg	79-00-5	1,1,2-Trichloroethane	0.0014	**ND [0.0020] QN**	**ND [0.0020]**	**ND [0.0020]**	--	**ND [0.0020]**	--
SW8260C SIM	mg/kg	106-93-4	1,2-Dibromoethane	0.00024	--	--	**ND [0.0010]**	--	**ND [0.0010]**	--
SW8260C SIM	mg/kg	107-06-2	1,2-Dichloroethane	0.0055	ND [0.0010] QN	ND [0.0010]	ND [0.0010]	--	ND [0.0010]	--
SW8260C SIM	mg/kg	75-27-4	Bromodichloromethane	0.0043	ND [0.0010] QN	ND [0.0010]	ND [0.0010]	--	ND [0.0010]	--
SW8260C SIM	mg/kg	74-83-9	Bromomethane	0.024	ND [0.0040] QN	0.0021 [0.0040] J	ND [0.0040]	--	ND [0.0040]	--
SW8260C SIM	mg/kg	67-66-3	Chloroform	0.0071	ND [0.0040] QN	ND [0.0040]	ND [0.0040]	--	ND [0.0040]	--
SW8260C SIM	mg/kg	124-48-1	Dibromochloromethane	0.0027	ND [0.0010] QN	ND [0.0010]	ND [0.0010]	--	ND [0.0010]	--
SW8260C SIM	mg/kg	79-01-6	Trichloroethene (TCE)	0.011	ND [0.0010] QN	ND [0.0010]	ND [0.0010]	--	ND [0.0010]	--
SW8260C SIM	mg/kg	75-01-4	Vinyl Chloride	0.0008	**ND [0.0020] QN**	**ND [0.0020]**	**ND [0.0020]**	--	**ND [0.0020]**	--

[1] 18 AAC 75 Table B MTG or U40 HH (10/2018)
Flags and acronyms defined at end of tables
LOD shown in brackets

			Sample ID	TBW-072418-01	TBW-072418-02	TBW-072418-03	TBW-072618-01	TBW-072618-02	TBW-072918-01	TBW-072918-02	TBW-072918-03	TBW-072918-04
			Location ID	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			Sample Date/Time	7/24/2018	7/24/2018	7/24/2018	7/26/2018	7/26/2018	7/29/2018	7/29/2018	7/29/2018	7/29/2018
			Sample Delivery Group	320415601	320415601	320415601	320415601	320415601	320416461	320416461	320416601	320416601
			Matrix	Water	Water	Water	Water	Water	Water	Water	Water	Water
			Sample Type	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Method	Units	CAS ID	Analyte	PAL								
AK101	ug/L	GRO	Gas Range Organics	2200	17 [25] B, J	--	--	16 [25] B, J	--	15 [25] B, J	--	15 [25] B, J	--
AK102	ug/L	DRO	Diesel Range Organics	1500	--	--	--	--	--	--	--	--	--
AK102	ug/L	RRO	Residual Range Organics	1100	--	--	--	--	--	--	--	--	--
E218.7	ug/L	18540-29-9	Chromium (VI)	0.35	--	--	--	--	--	--	--	--	--
SW6020A	ug/L	7440-38-2	Arsenic	0.52	--	--	--	--	--	--	--	--	--
SW6020A	ug/L	7440-39-3	Barium	3800	--	--	--	--	--	--	--	--	--
SW6020A	ug/L	7440-43-9	Cadmium	9.2	--	--	--	--	--	--	--	--	--
SW6020A	ug/L	7440-47-3	Chromium	NA	--	--	--	--	--	--	--	--	--
SW6020A	ug/L	7439-92-1	Lead	15	--	--	--	--	--	--	--	--	--
SW6020A	ug/L	7440-02-0	Nickel	390	--	--	--	--	--	--	--	--	--
SW6020A	ug/L	7782-49-2	Selenium	100	--	--	--	--	--	--	--	--	--
SW6020A	ug/L	7440-22-4	Silver	94	--	--	--	--	--	--	--	--	--
SW6020A	ug/L	7440-62-2	Vanadium	86	--	--	--	--	--	--	--	--	--
SW7470A	ug/L	7439-97-6	Mercury	0.52	--	--	--	--	--	--	--	--	--
SW8011	ug/L	96-18-4	1,2,3-Trichloropropane	0.0075	--	--	**ND [0.017]**	--	**ND [0.017]**	--	--	--	--
SW8011	ug/L	106-93-4	1,2-Dibromoethane	0.075	--	--	ND [0.0057]	--	ND [0.0057]	--	--	--	--
SW8081B	ug/L	309-00-2	Aldrin	0.0092	--	--	--	--	--	--	--	--	--
SW8081B	ug/L	319-84-6	Alpha-Hexachlorocyclohexane	0.072	--	--	--	--	--	--	--	--	--
SW8081B	ug/L	319-85-7	Beta-Hexachlorocyclohexane	0.25	--	--	--	--	--	--	--	--	--
SW8081B	ug/L	12789-03-6	Chlordane	0.20	--	--	--	--	--	--	--	--	--
SW8081B	ug/L	5103-71-9	CIS-CHLORDANE	NA	--	--	--	--	--	--	--	--	--
SW8081B	ug/L	72-54-8	DDD	0.060	--	--	--	--	--	--	--	--	--
SW8081B	ug/L	50-29-3	DDT	2.3	--	--	--	--	--	--	--	--	--
SW8081B	ug/L	319-86-8	DELTA-BHC	NA	--	--	--	--	--	--	--	--	--
SW8081B	ug/L	60-57-1	Dieldrin	0.018	--	--	--	--	--	--	--	--	--
SW8081B	ug/L	115-29-7	Endosulfan (I + II)	100	--	--	--	--	--	--	--	--	--
SW8081B	ug/L	959-98-8	ENDOSULFAN I	NA	--	--	--	--	--	--	--	--	--
SW8081B	ug/L	33213-65-9	ENDOSULFAN II	NA	--	--	--	--	--	--	--	--	--
SW8081B	ug/L	1031-07-8	ENDOSULFAN SULFATE	NA	--	--	--	--	--	--	--	--	--
SW8081B	ug/L	72-20-8	Endrin	2.3	--	--	--	--	--	--	--	--	--
SW8081B	ug/L	7421-93-4	ENDRIN ALDEHYDE	NA	--	--	--	--	--	--	--	--	--
SW8081B	ug/L	53494-70-5	ENDRIN KETONE	NA	--	--	--	--	--	--	--	--	--
SW8081B	ug/L	58-89-9	Gamma- (Lindane)Hexachlorocyclohexane	0.42	--	--	--	--	--	--	--	--	--
SW8081B	ug/L	76-44-8	Heptachlor	0.014	--	--	--	--	--	--	--	--	--
SW8081B	ug/L	1024-57-3	Heptachlor Epoxide	0.014	--	--	--	--	--	--	--	--	--
SW8081B	ug/L	72-43-5	Methoxychlor	37	--	--	--	--	--	--	--	--	--
SW8081B	ug/L	72-55-9	p,p'-DDE	0.46	--	--	--	--	--	--	--	--	--
SW8081B	ug/L	8001-35-2	Toxaphene	0.71	--	--	--	--	--	--	--	--	--
SW8081B	ug/L	5103-74-2	TRANS-CHLORDANE	NA	--	--	--	--	--	--	--	--	--

[1] 18 AAC 75 Table C GW (Oct 2018)
[2] One-tenth 18 AAC 75 Table C GW (Oct 2018)
CRSL - Cumulative Risk Screening Level
Data flags defined at end of tables
Limit of Detection shown in brackets
PAL - Project Action Limit

				Sample ID	TBW-072418-01	TBW-072418-02	TBW-072418-03	TBW-072618-01	TBW-072618-02	TBW-072918-01	TBW-072918-02	TBW-072918-03	TBW-072918-04
				Location ID	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
				Sample Date/Time	7/24/2018	7/24/2018	7/24/2018	7/26/2018	7/26/2018	7/29/2018	7/29/2018	7/29/2018	7/29/2018
				Sample Delivery Group	320415601	320415601	320415601	320415601	320415601	320416461	320416461	320416601	320416601
				Matrix	Water	Water	Water	Water	Water	Water	Water	Water	Water
				Sample Type	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Method	Units	CAS ID	Analyte	PAL									
SW8082A	ug/L	12674-11-2	Aroclor 1016	NA	--	--	--	--	--	--	--	--	--
SW8082A	ug/L	11104-28-2	Aroclor 1221	NA	--	--	--	--	--	--	--	--	--
SW8082A	ug/L	11141-16-5	Aroclor 1232	NA	--	--	--	--	--	--	--	--	--
SW8082A	ug/L	53469-21-9	Aroclor 1242	NA	--	--	--	--	--	--	--	--	--
SW8082A	ug/L	12672-29-6	Aroclor 1248	NA	--	--	--	--	--	--	--	--	--
SW8082A	ug/L	11097-69-1	Aroclor 1254	NA	--	--	--	--	--	--	--	--	--
SW8082A	ug/L	11096-82-5	Aroclor 1260	NA	--	--	--	--	--	--	--	--	--
SW8082A	ug/L	PCBS	PCBS	NA	--	--	--	--	--	--	--	--	--
SW8151	ug/L	93-76-5	2,4,5-Trichlorophenoxyacetic Acid	160	--	--	--	--	--	--	--	--	--
SW8151	ug/L	94-75-7	2,4-Dichlorophenoxy Acetic Acid	170	--	--	--	--	--	--	--	--	--
SW8151	ug/L	94-82-6	Butanoic acid, 4-(2,4-dichlorophenoxy)-	NA	--	--	--	--	--	--	--	--	--
SW8151	ug/L	75-99-0	Dalapon	NA	--	--	--	--	--	--	--	--	--
SW8151	ug/L	1918-00-9	Dicamba	NA	--	--	--	--	--	--	--	--	--
SW8151	ug/L	120-36-5	Dichlorprop	NA	--	--	--	--	--	--	--	--	--
SW8151	ug/L	88-85-7	Dinoseb	NA	--	--	--	--	--	--	--	--	--
SW8151	ug/L	94-74-6	MCPA	NA	--	--	--	--	--	--	--	--	--
SW8151	ug/L	93-65-2	MCPP	NA	--	--	--	--	--	--	--	--	--
SW8151	ug/L	87-86-5	Pentachlorophenol	0.41	--	--	--	--	--	--	--	--	--
SW8151	ug/L	93-72-1	Trichlorophenoxypropionic acid, -2,4,5	110	--	--	--	--	--	--	--	--	--
SW8260C	ug/L	630-20-6	1,1,1,2-Tetrachloroethane	5.7	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	71-55-6	1,1,1-Trichloroethane	8000	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	79-34-5	1,1,2,2-Tetrachloroethane	0.76	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	75-34-3	1,1-Dichloroethane	28	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	75-35-4	1,1-Dichloroethene	280	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	563-58-6	1,1-Dichloropropene	NA	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	87-61-6	1,2,3-Trichlorobenzene	7.0	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	96-18-4	1,2,3-Trichloropropane	0.0075	--	**ND [0.40]**	--	**ND [0.40]**	--	--	**ND [0.40]**	--	**ND [0.40]**
SW8260C	ug/L	120-82-1	1,2,4-Trichlorobenzene	4.0	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	95-63-6	1,2,4-Trimethylbenzene	56	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	156-59-2	1,2-cis-Dichloroethylene	36	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	96-12-8	1,2-Dibromo-3-chloropropane	NA	--	ND [0.80]	--	ND [0.80]	--	--	ND [0.80]	--	ND [0.80]
SW8260C	ug/L	95-50-1	1,2-Dichlorobenzene	300	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	107-06-2	1,2-Dichloroethane	1.7	--	ND [0.50]	--	ND [0.50]	--	--	ND [0.50]	--	ND [0.50]
SW8260C	ug/L	78-87-5	1,2-Dichloropropane	8.2	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	156-60-5	1,2-trans-Dichloroethylene	360	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	108-67-8	1,3,5-Trimethylbenzene	60	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	541-73-1	1,3-Dichlorobenzene	300	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	142-28-9	1,3-Dichloropropane	NA	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	106-46-7	1,4-Dichlorobenzene	4.8	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	594-20-7	2,2-Dichloropropane	NA	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	78-93-3	2-Butanone	5600	--	ND [0.80]	--	ND [0.80]	--	--	ND [0.80]	--	ND [0.80]

[1] 18 AAC 75 Table C GW (Oct 2018)
[2] One-tenth 18 AAC 75 Table C GW (Oct 2018)
CRSL - Cumulative Risk Screening Level
Data flags defined at end of tables
Limit of Detection shown in brackets
PAL - Project Action Limit

				Sample ID	TBW-072418-01	TBW-072418-02	TBW-072418-03	TBW-072618-01	TBW-072618-02	TBW-072918-01	TBW-072918-02	TBW-072918-03	TBW-072918-04
				Location ID	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
				Sample Date/Time	7/24/2018	7/24/2018	7/24/2018	7/26/2018	7/26/2018	7/29/2018	7/29/2018	7/29/2018	7/29/2018
				Sample Delivery Group	320415601	320415601	320415601	320415601	320415601	320416461	320416461	320416601	320416601
				Matrix	Water	Water	Water	Water	Water	Water	Water	Water	Water
				Sample Type	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Method	Units	CAS ID	Analyte	PAL									
SW8260C	ug/L	95-49-8	2-Chlorotoluene	NA	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	591-78-6	2-Hexanone	38	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	106-43-4	4-Chlorotoluene	NA	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	99-87-6	4-Isopropyltoluene	NA	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	108-10-1	4-Methyl-2-pentanone	6300	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	67-64-1	Acetone	14000	--	ND [5.0]	--	ND [5.0]	--	--	ND [5.0]	--	ND [5.0]
SW8260C	ug/L	71-43-2	Benzene	4.6	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	108-86-1	Bromobenzene	62	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	74-97-5	Bromochloromethane	NA	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	75-27-4	Bromodichloromethane	1.3	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	75-25-2	Bromoform	33	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	74-83-9	Bromomethane	7.5	--	ND [0.80]	--	ND [0.80]	--	--	ND [0.80]	--	ND [0.80]
SW8260C	ug/L	75-15-0	Carbon disulfide	810	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	56-23-5	Carbon tetrachloride	4.6	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	108-90-7	Chlorobenzene	78	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	75-00-3	Chloroethane	21000	--	ND [0.80]	--	ND [0.80]	--	--	ND [0.80]	--	ND [0.80]
SW8260C	ug/L	67-66-3	Chloroform	2.2	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	74-87-3	Chloromethane	190	--	ND [0.80]	--	ND [0.80]	--	--	ND [0.80]	--	ND [0.80]
SW8260C	ug/L	10061-01-5	cis-1,3-Dichloropropene	NA	--	ND [0.80]	--	ND [0.80]	--	--	ND [0.80]	--	ND [0.80]
SW8260C	ug/L	98-82-8	Cumene	450	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	110-82-7	Cyclohexane	13000	--	ND [0.80]	--	ND [0.80]	--	--	ND [0.80]	--	ND [0.80]
SW8260C	ug/L	124-48-1	Dibromochloromethane	8.7	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	74-95-3	Dibromomethane	8.3	--	ND [0.80]	--	ND [0.80]	--	--	ND [0.80]	--	ND [0.80]
SW8260C	ug/L	75-71-8	Dichlorodifluoromethane (Freon 12)	200	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	100-41-4	Ethylbenzene	15	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	87-68-3	Hexachlorobutadiene	1.4	--	ND [0.80]	--	ND [0.80]	--	--	ND [0.80]	--	ND [0.80]
SW8260C	ug/L	75-09-2	Methylene chloride	110	--	ND [0.80]	--	ND [0.80]	--	--	ND [0.80]	--	ND [0.80]
SW8260C	ug/L	1634-04-4	Methyl-tert-butyl ether (MTBE)	140	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	179601-23-1	m-Xylene & p-Xylene	NA	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	91-20-3	Naphthalene	1.7	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	104-51-8	n-Butylbenzene	1000	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	103-65-1	n-Propylbenzene	660	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	95-47-6	o-Xylene	NA	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	135-98-8	sec-Butylbenzene	2000	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	100-42-5	Styrene	1200	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	98-06-6	tert-Butylbenzene	690	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	127-18-4	Tetrachloroethene (PCE)	41	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	108-88-3	Toluene	1100	--	ND [0.80]	--	ND [0.80]	--	--	ND [0.80]	--	ND [0.80]
SW8260C	ug/L	10061-02-6	trans-1,3-Dichloropropene	NA	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	79-01-6	Trichloroethene (TCE)	2.8	--	ND [0.40]	--	ND [0.40]	--	--	ND [0.40]	--	ND [0.40]
SW8260C	ug/L	75-69-4	Trichlorofluoromethane (Freon 11)	5200	--	ND [0.80]	--	ND [0.80]	--	--	ND [0.80]	--	ND [0.80]

[1] 18 AAC 75 Table C GW (Oct 2018)

[2] One-tenth 18 AAC 75 Table C GW (Oct 2018)

CRSL - Cumulative Risk Screening Level

Data flags defined at end of tables

Limit of Detection shown in brackets

PAL - Project Action Limit

				Sample ID	TBW-072418-01	TBW-072418-02	TBW-072418-03	TBW-072618-01	TBW-072618-02	TBW-072918-01	TBW-072918-02	TBW-072918-03	TBW-072918-04
				Location ID	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
				Sample Date/Time	7/24/2018	7/24/2018	7/24/2018	7/26/2018	7/26/2018	7/29/2018	7/29/2018	7/29/2018	7/29/2018
				Sample Delivery Group	320415601	320415601	320415601	320415601	320415601	320416461	320416461	320416601	320416601
				Matrix	Water	Water	Water	Water	Water	Water	Water	Water	Water
				Sample Type	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Method	Units	CAS ID	Analyte	PAL									
SW8260C	ug/L	1330-20-7	Xylenes	190	--	ND [0.8]	--	ND [0.8]	--	--	ND [0.8]	--	ND [0.8]
SW8260C SIM	ug/L	79-00-5	1,1,2-Trichloroethane	0.41	--	ND [0.040]	--	ND [0.040]	--	--	ND [0.040]	--	ND [0.040]
SW8260C SIM	ug/L	106-93-4	1,2-Dibromoethane	0.075	--	ND [0.040]	--	ND [0.040]	--	--	ND [0.040]	--	ND [0.040]
SW8260C SIM	ug/L	75-01-4	Vinyl Chloride	0.19	--	ND [0.040]	--	ND [0.040]	--	--	ND [0.040]	--	ND [0.040]
SW8270D	ug/L	120-82-1	1,2,4-Trichlorobenzene	4.0	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	95-50-1	1,2-Dichlorobenzene	300	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	541-73-1	1,3-Dichlorobenzene	300	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	106-46-7	1,4-Dichlorobenzene	4.8	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	95-95-4	2,4,5-Trichlorophenol	1200	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	88-06-2	2,4,6-Trichlorophenol	12	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	120-83-2	2,4-Dichlorophenol	46	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	105-67-9	2,4-Dimethylphenol	360	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	51-28-5	2,4-Dinitrophenol	39	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	121-14-2	2,4-Dinitrotoluene	2.4	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	606-20-2	2,6-Dinitrotoluene	0.49	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	95-57-8	2-Chlorophenol	91	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	88-75-5	2-Nitrophenol	NA	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	15831-10-4	3 & 4 METHYLPHENOL	NA	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	99-09-2	3-Nitroaniline	NA	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	101-55-3	4-Bromophenyl-phenylether	NA	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	7005-72-3	4-Chlorophenyl-phenylether	NA	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	100-02-7	4-Nitrophenol	NA	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	120-12-7	Anthracene	43	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	56-55-3	Benz[a]anthracene	0.30	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	100-51-6	Benzyl Alcohol	2000	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	91-58-7	Beta-Chloronaphthalene	750	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	108-60-1	Bis(2-chloro-1-methylethyl) ether	NA	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	111-91-1	Bis(2-chloroethoxy)methane	NA	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	117-81-7	Bis(2-ethylhexyl)phthalate	56	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	85-68-7	Butyl Benzyl Phthalate	160	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	86-74-8	Carbazole	NA	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	218-01-9	Chrysene	2	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	59-50-7	Cresol, p-chloro-m-	NA	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	132-64-9	Dibenzofuran	7.9	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	84-74-2	Dibutyl Phthalate	900	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	84-66-2	Diethyl Phthalate	15000	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	131-11-3	Dimethylphthalate	16000	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	534-52-1	Dinitro-o-cresol, 4,6-	NA	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	117-84-0	di-N-Octyl Phthalate	22	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	86-73-7	Fluorene	290	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	87-68-3	Hexachlorobutadiene	1.4	--	--	--	--	--	--	--	--	--

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[2] One-tenth 18 AAC 75 Table C GW (Oct 2018)
CRSL - Cumulative Risk Screening Level
Data flags defined at end of tables
Limit of Detection shown in brackets
PAL - Project Action Limit

			Sample ID		TBW-072418-01	TBW-072418-02	TBW-072418-03	TBW-072618-01	TBW-072618-02	TBW-072918-01	TBW-072918-02	TBW-072918-03	TBW-072918-04
			Location ID		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			Sample Date/Time		7/24/2018	7/24/2018	7/24/2018	7/26/2018	7/26/2018	7/29/2018	7/29/2018	7/29/2018	7/29/2018
			Sample Delivery Group		320415601	320415601	320415601	320415601	320415601	320416461	320416461	320416601	320416601
			Matrix		Water	Water	Water	Water	Water	Water	Water	Water	Water
			Sample Type		Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Method	Units	CAS ID	Analyte	PAL									
SW8270D	ug/L	77-47-4	Hexachlorocyclopentadiene	0.41	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	67-72-1	Hexachloroethane	3.3	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	78-59-1	Isophorone	780	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	88-74-4	Nitroaniline, 2-	NA	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	100-01-6	Nitroaniline, 4-	NA	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	98-95-3	Nitrobenzene	1.4	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	86-30-6	N-Nitrosodiphenylamine	120	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	95-48-7	o-Cresol	930	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	106-47-8	p-Chloroaniline	3.7	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	85-01-8	Phenanthrene	170	--	--	--	--	--	--	--	--	--
SW8270D	ug/L	108-95-2	Phenol	5800	--	--	--	--	--	--	--	--	--
SW8270D SIM	ug/L	90-12-0	1-Methylnaphthalene	11	--	--	--	--	--	--	--	--	--
SW8270D SIM	ug/L	91-57-6	2-Methylnaphthalene	36	--	--	--	--	--	--	--	--	--
SW8270D SIM	ug/L	91-94-1	3,3'-Dichlorobenzidine	1.3	--	--	--	--	--	--	--	--	--
SW8270D SIM	ug/L	83-32-9	Acenaphthene	530	--	--	--	--	--	--	--	--	--
SW8270D SIM	ug/L	208-96-8	Acenaphthylene	260	--	--	--	--	--	--	--	--	--
SW8270D SIM	ug/L	50-32-8	Benzo(a)pyrene	0.25	--	--	--	--	--	--	--	--	--
SW8270D SIM	ug/L	205-99-2	Benzo(b)fluoranthene	2.5	--	--	--	--	--	--	--	--	--
SW8270D SIM	ug/L	207-08-9	Benzo(k)fluoranthene	0.8	--	--	--	--	--	--	--	--	--
SW8270D SIM	ug/L	191-24-2	Benzo[g,h,i]perylene	0.26	--	--	--	--	--	--	--	--	--
SW8270D SIM	ug/L	111-44-4	Bis(2-chloroethyl)ether	0.14	--	--	--	--	--	--	--	--	--
SW8270D SIM	ug/L	53-70-3	Dibenz[a,h]anthracene	0.25	--	--	--	--	--	--	--	--	--
SW8270D SIM	ug/L	206-44-0	Fluoranthene	260	--	--	--	--	--	--	--	--	--
SW8270D SIM	ug/L	118-74-1	Hexachlorobenzene	0.098	--	--	--	--	--	--	--	--	--
SW8270D SIM	ug/L	193-39-5	Indeno(1,2,3-cd)pyrene	0.19	--	--	--	--	--	--	--	--	--
SW8270D SIM	ug/L	91-20-3	Naphthalene	1.7	--	--	--	--	--	--	--	--	--
SW8270D SIM	ug/L	62-75-9	N-Nitrosodimethylamine	0.0011	--	--	--	--	--	--	--	--	--
SW8270D SIM	ug/L	621-64-7	N-Nitroso-di-N-propylamine	0.11	--	--	--	--	--	--	--	--	--
SW8270D SIM	ug/L	129-00-0	Pyrene	120	--	--	--	--	--	--	--	--	--

[1] 18 AAC 75 Table C GW (Oct 2018)
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				Sample ID	TBW-072918-07	TBW-072918-08	TBW-072918-09	TBW-072918-12	TBW-072918-15	EBW-072918-01	EBW-072918-01	TRIP BLANK
				Location ID	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
				Sample Date/Time	7/29/2018	7/29/2018	7/29/2018	7/29/2018	7/29/2018	7/29/2018	7/29/2018	7/29/2018
				Sample Delivery Group	320416501	320416591	320416351	320416481	320416481	320416501	FA56389	JC71220
				Matrix	Water	Water	Water	Water	Water	Water	Water	Water
				Sample Type	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Equipment Blank	Equipment Blank	Trip Blank
Method	Units	CAS ID	Analyte	PAL								
AK101	ug/L	GRO	Gas Range Organics	2200	18 [25] B, J	15 [25] J	16 [25] J	15 [25] J	--	19 [25] B, J	--	--
AK102	ug/L	DRO	Diesel Range Organics	1500	--	--	--	--	--	69 [120] J	--	--
AK102	ug/L	RRO	Residual Range Organics	1100	--	--	--	--	--	170 [300] J	--	--
E218.7	ug/L	18540-29-9	Chromium (VI)	0.35	--	--	--	--	--	--	--	ND [0.025]
SW6020A	ug/L	7440-38-2	Arsenic	0.52	--	--	--	--	--	ND [0.40]	--	--
SW6020A	ug/L	7440-39-3	Barium	3800	--	--	--	--	--	ND [0.40]	--	--
SW6020A	ug/L	7440-43-9	Cadmium	9.2	--	--	--	--	--	ND [0.30]	--	--
SW6020A	ug/L	7440-47-3	Chromium	NA	--	--	--	--	--	0.37 [0.30] J	--	--
SW6020A	ug/L	7439-92-1	Lead	15	--	--	--	--	--	ND [0.60]	--	--
SW6020A	ug/L	7440-02-0	Nickel	390	--	--	--	--	--	0.17 [0.30] J	--	--
SW6020A	ug/L	7782-49-2	Selenium	100	--	--	--	--	--	ND [6.0]	--	--
SW6020A	ug/L	7440-22-4	Silver	94	--	--	--	--	--	ND [0.070]	--	--
SW6020A	ug/L	7440-62-2	Vanadium	86	--	--	--	--	--	0.69 [1.0] J	--	--
SW7470A	ug/L	7439-97-6	Mercury	0.52	--	--	--	--	--	ND [0.20]	--	--
SW8011	ug/L	96-18-4	1,2,3-Trichloropropane	0.0075	--	--	--	--	**ND [0.017]**	**ND [0.017]**	--	--
SW8011	ug/L	106-93-4	1,2-Dibromoethane	0.075	--	--	--	--	ND [0.0057]	ND [0.0057]	--	--
SW8081B	ug/L	309-00-2	Aldrin	0.0092	--	--	--	--	--	ND [0.0063]	--	--
SW8081B	ug/L	319-84-6	Alpha-Hexachlorocyclohexane	0.072	--	--	--	--	--	ND [0.013]	--	--
SW8081B	ug/L	319-85-7	Beta-Hexachlorocyclohexane	0.25	--	--	--	--	--	ND [0.013]	--	--
SW8081B	ug/L	12789-03-6	Chlordane	0.20	--	--	--	--	--	**ND [0.39]**	--	--
SW8081B	ug/L	5103-71-9	CIS-CHLORDANE	NA	--	--	--	--	--	ND [0.0063]	--	--
SW8081B	ug/L	72-54-8	DDD	0.060	--	--	--	--	--	ND [0.013]	--	--
SW8081B	ug/L	50-29-3	DDT	2.3	--	--	--	--	--	ND [0.013]	--	--
SW8081B	ug/L	319-86-8	DELTA-BHC	NA	--	--	--	--	--	ND [0.013]	--	--
SW8081B	ug/L	60-57-1	Dieldrin	0.018	--	--	--	--	--	ND [0.013]	--	--
SW8081B	ug/L	115-29-7	Endosulfan (I + II)	100	--	--	--	--	--	ND [0.0193]	--	--
SW8081B	ug/L	959-98-8	ENDOSULFAN I	NA	--	--	--	--	--	ND [0.0063]	--	--
SW8081B	ug/L	33213-65-9	ENDOSULFAN II	NA	--	--	--	--	--	ND [0.013]	--	--
SW8081B	ug/L	1031-07-8	ENDOSULFAN SULFATE	NA	--	--	--	--	--	ND [0.013]	--	--
SW8081B	ug/L	72-20-8	Endrin	2.3	--	--	--	--	--	ND [0.013]	--	--
SW8081B	ug/L	7421-93-4	ENDRIN ALDEHYDE	NA	--	--	--	--	--	ND [0.042]	--	--
SW8081B	ug/L	53494-70-5	ENDRIN KETONE	NA	--	--	--	--	--	ND [0.042]	--	--
SW8081B	ug/L	58-89-9	Gamma- (Lindane)Hexachlorocyclohexane	0.42	--	--	--	--	--	ND [0.0063]	--	--
SW8081B	ug/L	76-44-8	Heptachlor	0.014	--	--	--	--	--	ND [0.013]	--	--
SW8081B	ug/L	1024-57-3	Heptachlor Epoxide	0.014	--	--	--	--	--	ND [0.0063]	--	--
SW8081B	ug/L	72-43-5	Methoxychlor	37	--	--	--	--	--	ND [0.042]	--	--
SW8081B	ug/L	72-55-9	p,p'-DDE	0.46	--	--	--	--	--	ND [0.013]	--	--
SW8081B	ug/L	8001-35-2	Toxaphene	0.71	--	--	--	--	--	ND [0.52]	--	--
SW8081B	ug/L	5103-74-2	TRANS-CHLORDANE	NA	--	--	--	--	--	ND [0.013]	--	--

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PAL - Project Action Limit

			Sample ID	TBW-072918-07	TBW-072918-08	TBW-072918-09	TBW-072918-12	TBW-072918-15	EBW-072918-01	EBW-072918-01	TRIP BLANK
			Location ID	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			Sample Date/Time	7/29/2018	7/29/2018	7/29/2018	7/29/2018	7/29/2018	7/29/2018	7/29/2018	7/29/2018
			Sample Delivery Group	320416501	320416591	320416351	320416481	320416481	320416501	FA56389	JC71220
			Matrix	Water	Water	Water	Water	Water	Water	Water	Water
			Sample Type	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Equipment Blank	Equipment Blank	Trip Blank
Method	Units	CAS ID	Analyte	PAL							
SW8082A	ug/L	12674-11-2	Aroclor 1016	NA	--	--	--	--	--	ND [0.13] QL	--	--
SW8082A	ug/L	11104-28-2	Aroclor 1221	NA	--	--	--	--	--	ND [0.42] QL	--	--
SW8082A	ug/L	11141-16-5	Aroclor 1232	NA	--	--	--	--	--	ND [0.13] QL	--	--
SW8082A	ug/L	53469-21-9	Aroclor 1242	NA	--	--	--	--	--	ND [0.26] QL	--	--
SW8082A	ug/L	12672-29-6	Aroclor 1248	NA	--	--	--	--	--	ND [0.26] QL	--	--
SW8082A	ug/L	11097-69-1	Aroclor 1254	NA	--	--	--	--	--	ND [0.26] QL	--	--
SW8082A	ug/L	11096-82-5	Aroclor 1260	NA	--	--	--	--	--	ND [0.13] QL	--	--
SW8082A	ug/L	PCBS	PCBS	NA	--	--	--	--	--	ND [1.59]	--	--
SW8151	ug/L	93-76-5	2,4,5-Trichlorophenoxyacetic Acid	160	--	--	--	--	--	--	ND [0.024]	--
SW8151	ug/L	94-75-7	2,4-Dichlorophenoxy Acetic Acid	170	--	--	--	--	--	--	ND [0.24]	--
SW8151	ug/L	94-82-6	Butanoic acid, 4-(2,4-dichlorophenoxy)-	NA	--	--	--	--	--	--	ND [0.24]	--
SW8151	ug/L	75-99-0	Dalapon	NA	--	--	--	--	--	--	ND [0.6]	--
SW8151	ug/L	1918-00-9	Dicamba	NA	--	--	--	--	--	--	ND [0.024]	--
SW8151	ug/L	120-36-5	Dichlorprop	NA	--	--	--	--	--	--	ND [0.24]	--
SW8151	ug/L	88-85-7	Dinoseb	NA	--	--	--	--	--	--	ND [0.48]	--
SW8151	ug/L	94-74-6	MCPA	NA	--	--	--	--	--	--	ND [36]	--
SW8151	ug/L	93-65-2	MCPP	NA	--	--	--	--	--	--	ND [24]	--
SW8151	ug/L	87-86-5	Pentachlorophenol	0.41	--	--	--	--	--	--	ND [0.024]	--
SW8151	ug/L	93-72-1	Trichlorophenoxypropionic acid, -2,4,5	110	--	--	--	--	--	--	ND [0.024]	--
SW8260C	ug/L	630-20-6	1,1,1,2-Tetrachloroethane	5.7	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	71-55-6	1,1,1-Trichloroethane	8000	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	79-34-5	1,1,2,2-Tetrachloroethane	0.76	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	75-34-3	1,1-Dichloroethane	28	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	75-35-4	1,1-Dichloroethene	280	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	563-58-6	1,1-Dichloropropene	NA	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	87-61-6	1,2,3-Trichlorobenzene	7.0	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	96-18-4	1,2,3-Trichloropropane	0.0075	**ND [0.40]**	**ND [0.40]**	**ND [0.40]**	**ND [0.40]**	--	--	--	--
SW8260C	ug/L	120-82-1	1,2,4-Trichlorobenzene	4.0	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	--	--	--
SW8260C	ug/L	95-63-6	1,2,4-Trimethylbenzene	56	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	156-59-2	1,2-cis-Dichloroethylene	36	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	96-12-8	1,2-Dibromo-3-chloropropane	NA	ND [0.80]	ND [0.80]	ND [0.80]	ND [0.80]	--	ND [0.80]	--	--
SW8260C	ug/L	95-50-1	1,2-Dichlorobenzene	300	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	--	--	--
SW8260C	ug/L	107-06-2	1,2-Dichloroethane	1.7	ND [0.50]	ND [0.50]	ND [0.50]	ND [0.50]	--	ND [0.50]	--	--
SW8260C	ug/L	78-87-5	1,2-Dichloropropane	8.2	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	156-60-5	1,2-trans-Dichloroethylene	360	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	108-67-8	1,3,5-Trimethylbenzene	60	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	541-73-1	1,3-Dichlorobenzene	300	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	--	--	--
SW8260C	ug/L	142-28-9	1,3-Dichloropropane	NA	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	106-46-7	1,4-Dichlorobenzene	4.8	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	--	--	--
SW8260C	ug/L	594-20-7	2,2-Dichloropropane	NA	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	78-93-3	2-Butanone	5600	ND [0.80]	ND [0.80]	ND [0.80]	ND [0.80]	--	ND [0.80]	--	--

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			Sample ID		TBW-072918-07	TBW-072918-08	TBW-072918-09	TBW-072918-12	TBW-072918-15	EBW-072918-01	EBW-072918-01	TRIP BLANK
			Location ID		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			Sample Date/Time		7/29/2018	7/29/2018	7/29/2018	7/29/2018	7/29/2018	7/29/2018	7/29/2018	7/29/2018
			Sample Delivery Group		320416501	320416591	320416351	320416481	320416481	320416501	FA56389	JC71220
			Matrix		Water	Water	Water	Water	Water	Water	Water	Water
			Sample Type		Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Equipment Blank	Equipment Blank	Trip Blank
Method	Units	CAS ID	Analyte	PAL								
SW8260C	ug/L	95-49-8	2-Chlorotoluene	NA	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	591-78-6	2-Hexanone	38	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	106-43-4	4-Chlorotoluene	NA	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	99-87-6	4-Isopropyltoluene	NA	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	108-10-1	4-Methyl-2-pentanone	6300	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	67-64-1	Acetone	14000	4.1 [5.0] J	ND [5.0]	ND [5.0]	ND [5.0]	--	4.0 [5.0] J	--	--
SW8260C	ug/L	71-43-2	Benzene	4.6	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	108-86-1	Bromobenzene	62	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	74-97-5	Bromochloromethane	NA	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	75-27-4	Bromodichloromethane	1.3	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	75-25-2	Bromoform	33	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	74-83-9	Bromomethane	7.5	ND [0.80]	ND [0.80]	ND [0.80]	ND [0.80]	--	ND [0.80]	--	--
SW8260C	ug/L	75-15-0	Carbon disulfide	810	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	56-23-5	Carbon tetrachloride	4.6	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	108-90-7	Chlorobenzene	78	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	75-00-3	Chloroethane	21000	ND [0.80]	ND [0.80]	ND [0.80]	ND [0.80]	--	ND [0.80]	--	--
SW8260C	ug/L	67-66-3	Chloroform	2.2	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	0.59 [0.40] J	--	--
SW8260C	ug/L	74-87-3	Chloromethane	190	ND [0.80]	ND [0.80]	ND [0.80]	ND [0.80]	--	ND [0.80]	--	--
SW8260C	ug/L	10061-01-5	cis-1,3-Dichloropropene	NA	ND [0.80]	ND [0.80]	ND [0.80]	ND [0.80]	--	ND [0.80]	--	--
SW8260C	ug/L	98-82-8	Cumene	450	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	110-82-7	Cyclohexane	13000	ND [0.80]	ND [0.80]	ND [0.80]	ND [0.80]	--	ND [0.80]	--	--
SW8260C	ug/L	124-48-1	Dibromochloromethane	8.7	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	74-95-3	Dibromomethane	8.3	ND [0.80]	ND [0.80]	ND [0.80]	ND [0.80]	--	ND [0.80]	--	--
SW8260C	ug/L	75-71-8	Dichlorodifluoromethane (Freon 12)	200	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	100-41-4	Ethylbenzene	15	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	87-68-3	Hexachlorobutadiene	1.4	ND [0.80]	ND [0.80]	ND [0.80]	ND [0.80]	--	--	--	--
SW8260C	ug/L	75-09-2	Methylene chloride	110	ND [0.80]	ND [0.80]	ND [0.80]	ND [0.80]	--	ND [0.80]	--	--
SW8260C	ug/L	1634-04-4	Methyl-tert-butyl ether (MTBE)	140	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	179601-23-1	m-Xylene & p-Xylene	NA	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	91-20-3	Naphthalene	1.7	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	--	--	--
SW8260C	ug/L	104-51-8	n-Butylbenzene	1000	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	103-65-1	n-Propylbenzene	660	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	95-47-6	o-Xylene	NA	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	0.13 [0.40] J	--	--
SW8260C	ug/L	135-98-8	sec-Butylbenzene	2000	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	100-42-5	Styrene	1200	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	98-06-6	tert-Butylbenzene	690	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	127-18-4	Tetrachloroethene (PCE)	41	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	108-88-3	Toluene	1100	ND [0.80]	ND [0.80]	ND [0.80]	ND [0.80]	--	0.53 [0.80] J	--	--
SW8260C	ug/L	10061-02-6	trans-1,3-Dichloropropene	NA	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	79-01-6	Trichloroethene (TCE)	2.8	ND [0.40]	ND [0.40]	ND [0.40]	ND [0.40]	--	ND [0.40]	--	--
SW8260C	ug/L	75-69-4	Trichlorofluoromethane (Freon 11)	5200	ND [0.80]	ND [0.80]	ND [0.80]	ND [0.80]	--	ND [0.80]	--	--

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			Location ID	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			Sample Date/Time	7/29/2018	7/29/2018	7/29/2018	7/29/2018	7/29/2018	7/29/2018	7/29/2018	7/29/2018
			Sample Delivery Group	320416501	320416591	320416351	320416481	320416481	320416501	FA56389	JC71220
			Matrix	Water	Water	Water	Water	Water	Water	Water	Water
			Sample Type	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Equipment Blank	Equipment Blank	Trip Blank
Method	Units	CAS ID	Analyte	PAL							
SW8260C	ug/L	1330-20-7	Xylenes	190	ND [0.8]	ND [0.8]	ND [0.8]	ND [0.8]	--	0.53 [0.8]	--	--
SW8260C SIM	ug/L	79-00-5	1,1,2-Trichloroethane	0.41	ND [0.040]	ND [0.040]	ND [0.040]	ND [0.040]	--	ND [0.040]	--	--
SW8260C SIM	ug/L	106-93-4	1,2-Dibromoethane	0.075	ND [0.040]	ND [0.040]	ND [0.040]	ND [0.040]	--	--	--	--
SW8260C SIM	ug/L	75-01-4	Vinyl Chloride	0.19	ND [0.040]	ND [0.040]	ND [0.040]	ND [0.040]	--	ND [0.040]	--	--
SW8270D	ug/L	120-82-1	1,2,4-Trichlorobenzene	4.0	--	--	--	--	--	ND [0.36]	--	--
SW8270D	ug/L	95-50-1	1,2-Dichlorobenzene	300	--	--	--	--	--	ND [0.36]	--	--
SW8270D	ug/L	541-73-1	1,3-Dichlorobenzene	300	--	--	--	--	--	ND [0.36]	--	--
SW8270D	ug/L	106-46-7	1,4-Dichlorobenzene	4.8	--	--	--	--	--	ND [0.24]	--	--
SW8270D	ug/L	95-95-4	2,4,5-Trichlorophenol	1200	--	--	--	--	--	ND [0.24]	--	--
SW8270D	ug/L	88-06-2	2,4,6-Trichlorophenol	12	--	--	--	--	--	ND [0.24]	--	--
SW8270D	ug/L	120-83-2	2,4-Dichlorophenol	46	--	--	--	--	--	ND [0.24]	--	--
SW8270D	ug/L	105-67-9	2,4-Dimethylphenol	360	--	--	--	--	--	ND [0.24]	--	--
SW8270D	ug/L	51-28-5	2,4-Dinitrophenol	39	--	--	--	--	--	ND [4.8]	--	--
SW8270D	ug/L	121-14-2	2,4-Dinitrotoluene	2.4	--	--	--	--	--	ND [0.24]	--	--
SW8270D	ug/L	606-20-2	2,6-Dinitrotoluene	0.49	--	--	--	--	--	ND [0.24]	--	--
SW8270D	ug/L	95-57-8	2-Chlorophenol	91	--	--	--	--	--	ND [0.24]	--	--
SW8270D	ug/L	88-75-5	2-Nitrophenol	NA	--	--	--	--	--	ND [0.24]	--	--
SW8270D	ug/L	15831-10-4	3 & 4 METHYLPHENOL	NA	--	--	--	--	--	ND [0.24]	--	--
SW8270D	ug/L	99-09-2	3-Nitroaniline	NA	--	--	--	--	--	ND [0.24]	--	--
SW8270D	ug/L	101-55-3	4-Bromophenyl-phenylether	NA	--	--	--	--	--	ND [0.24]	--	--
SW8270D	ug/L	7005-72-3	4-Chlorophenyl-phenylether	NA	--	--	--	--	--	ND [0.24]	--	--
SW8270D	ug/L	100-02-7	4-Nitrophenol	NA	--	--	--	--	--	ND [0.71]	--	--
SW8270D	ug/L	120-12-7	Anthracene	43	--	--	--	--	--	ND [0.019]	--	--
SW8270D	ug/L	56-55-3	Benz[a]anthracene	0.30	--	--	--	--	--	ND [0.019]	--	--
SW8270D	ug/L	100-51-6	Benzyl Alcohol	2000	--	--	--	--	--	0.25 [0.24] B, J	--	--
SW8270D	ug/L	91-58-7	Beta-Chloronaphthalene	750	--	--	--	--	--	ND [0.36]	--	--
SW8270D	ug/L	108-60-1	Bis(2-chloro-1-methylethyl) ether	NA	--	--	--	--	--	ND [0.36]	--	--
SW8270D	ug/L	111-91-1	Bis(2-chloroethoxy)methane	NA	--	--	--	--	--	ND [0.24]	--	--
SW8270D	ug/L	117-81-7	Bis(2-ethylhexyl)phthalate	56	--	--	--	--	--	1.2 [2.4] B, J, QN	--	--
SW8270D	ug/L	85-68-7	Butyl Benzyl Phthalate	160	--	--	--	--	--	ND [2.4]	--	--
SW8270D	ug/L	86-74-8	Carbazole	NA	--	--	--	--	--	ND [0.24]	--	--
SW8270D	ug/L	218-01-9	Chrysene	2	--	--	--	--	--	ND [0.019]	--	--
SW8270D	ug/L	59-50-7	Cresol, p-chloro-m-	NA	--	--	--	--	--	ND [0.36]	--	--
SW8270D	ug/L	132-64-9	Dibenzofuran	7.9	--	--	--	--	--	ND [0.24]	--	--
SW8270D	ug/L	84-74-2	Dibutyl Phthalate	900	--	--	--	--	--	ND [0.36]	--	--
SW8270D	ug/L	84-66-2	Diethyl Phthalate	15000	--	--	--	--	--	ND [0.24]	--	--
SW8270D	ug/L	131-11-3	Dimethylphthalate	16000	--	--	--	--	--	ND [0.24]	--	--
SW8270D	ug/L	534-52-1	Dinitro-o-cresol, 4,6-	NA	--	--	--	--	--	ND [0.71]	--	--
SW8270D	ug/L	117-84-0	di-N-Octyl Phthalate	22	--	--	--	--	--	ND [0.36]	--	--
SW8270D	ug/L	86-73-7	Fluorene	290	--	--	--	--	--	ND [0.019]	--	--
SW8270D	ug/L	87-68-3	Hexachlorobutadiene	1.4	--	--	--	--	--	ND [0.36]	--	--

[1] 18 AAC 75 Table C GW (Oct 2018)
[2] One-tenth 18 AAC 75 Table C GW (Oct 2018)
CRSL - Cumulative Risk Screening Level
Data flags defined at end of tables
Limit of Detection shown in brackets
PAL - Project Action Limit

			Sample ID	TBW-072918-07	TBW-072918-08	TBW-072918-09	TBW-072918-12	TBW-072918-15	EBW-072918-01	EBW-072918-01	TRIP BLANK
			Location ID	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			Sample Date/Time	7/29/2018	7/29/2018	7/29/2018	7/29/2018	7/29/2018	7/29/2018	7/29/2018	7/29/2018
			Sample Delivery Group	320416501	320416591	320416351	320416481	320416481	320416501	FA56389	JC71220
			Matrix	Water	Water	Water	Water	Water	Water	Water	Water
			Sample Type	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Equipment Blank	Equipment Blank	Trip Blank
Method	Units	CAS ID	Analyte	PAL							
SW8270D	ug/L	77-47-4	Hexachlorocyclopentadiene	0.41	--	--	--	--	--	ND [0.36] QL	--	--
SW8270D	ug/L	67-72-1	Hexachloroethane	3.3	--	--	--	--	--	ND [0.36]	--	--
SW8270D	ug/L	78-59-1	Isophorone	780	--	--	--	--	--	ND [0.24]	--	--
SW8270D	ug/L	88-74-4	Nitroaniline, 2-	NA	--	--	--	--	--	ND [0.24]	--	--
SW8270D	ug/L	100-01-6	Nitroaniline, 4-	NA	--	--	--	--	--	ND [0.24]	--	--
SW8270D	ug/L	98-95-3	Nitrobenzene	1.4	--	--	--	--	--	ND [0.36]	--	--
SW8270D	ug/L	86-30-6	N-Nitrosodiphenylamine	120	--	--	--	--	--	ND [0.24]	--	--
SW8270D	ug/L	95-48-7	o-Cresol	930	--	--	--	--	--	ND [0.24]	--	--
SW8270D	ug/L	106-47-8	p-Chloroaniline	3.7	--	--	--	--	--	ND [0.36]	--	--
SW8270D	ug/L	85-01-8	Phenanthrene	170	--	--	--	--	--	ND [0.019]	--	--
SW8270D	ug/L	108-95-2	Phenol	5800	--	--	--	--	--	ND [0.24]	--	--
SW8270D SIM	ug/L	90-12-0	1-Methylnaphthalene	11	--	--	--	--	--	ND [0.012]	--	--
SW8270D SIM	ug/L	91-57-6	2-Methylnaphthalene	36	--	--	--	--	--	ND [0.012]	--	--
SW8270D SIM	ug/L	91-94-1	3,3'-Dichlorobenzidine	1.3	--	--	--	--	--	ND [0.38]	--	--
SW8270D SIM	ug/L	83-32-9	Acenaphthene	530	--	--	--	--	--	ND [0.012]	--	--
SW8270D SIM	ug/L	208-96-8	Acenaphthylene	260	--	--	--	--	--	ND [0.012]	--	--
SW8270D SIM	ug/L	50-32-8	Benzo(a)pyrene	0.25	--	--	--	--	--	ND [0.024]	--	--
SW8270D SIM	ug/L	205-99-2	Benzo(b)fluoranthene	2.5	--	--	--	--	--	ND [0.024]	--	--
SW8270D SIM	ug/L	207-08-9	Benzo(k)fluoranthene	0.8	--	--	--	--	--	ND [0.024]	--	--
SW8270D SIM	ug/L	191-24-2	Benzo[g,h,i]perylene	0.26	--	--	--	--	--	ND [0.012]	--	--
SW8270D SIM	ug/L	111-44-4	Bis(2-chloroethyl)ether	0.14	--	--	--	--	--	ND [0.013]	--	--
SW8270D SIM	ug/L	53-70-3	Dibenz[a,h]anthracene	0.25	--	--	--	--	--	ND [0.024]	--	--
SW8270D SIM	ug/L	206-44-0	Fluoranthene	260	--	--	--	--	--	ND [0.036]	--	--
SW8270D SIM	ug/L	118-74-1	Hexachlorobenzene	0.098	--	--	--	--	--	ND [0.013]	--	--
SW8270D SIM	ug/L	193-39-5	Indeno(1,2,3-cd)pyrene	0.19	--	--	--	--	--	ND [0.024]	--	--
SW8270D SIM	ug/L	91-20-3	Naphthalene	1.7	--	--	--	--	--	0.020 [0.024] J	--	--
SW8270D SIM	ug/L	62-75-9	N-Nitrosodimethylamine	0.0011	--	--	--	--	--	**ND [0.19]**	--	--
SW8270D SIM	ug/L	621-64-7	N-Nitroso-di-N-propylamine	0.11	--	--	--	--	--	ND [0.024]	--	--
SW8270D SIM	ug/L	129-00-0	Pyrene	120	--	--	--	--	--	ND [0.036]	--	--

[1] 18 AAC 75 Table C GW (Oct 2018)
[2] One-tenth 18 AAC 75 Table C GW (Oct 2018)
CRSL - Cumulative Risk Screening Level
Data flags defined at end of tables
Limit of Detection shown in brackets
PAL - Project Action Limit

				Sample ID	18-NLF-WS-01-S01	18-NLF-WS-02-S01	18-NLF-WS-03-S01	18-NLF-WS-04-S01	18-NLF-WS-05-S01	18-NLF-WS-06-S01	18-NLF-WS-07-S01
				Location ID	9cy NLF-S-001	9cy NLF-S-002	9cy NLF-S-003	9cy NLF-S-004	9cy NLF-S-005	9cy NLF-S-006	9cy NLF-S-007
				Sample Date/Time	7/20/2018	7/21/2018	7/22/2018	7/22/2018	7/23/2018	7/23/2018	7/24/2018
				Sample Delivery Group	320414141	320414141	320414141	320414141	320414631	320414631	320415601
				Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
				Sample Type	Waste Characterization	Waste Characterization	Waste Characterization	Waste Characterization	Waste Characterization	Waste Characterization	Waste Characterization
Method	Units	CAS ID	Analyte	PAL[1]							
AK101	mg/kg	GRO	Gas Range Organics	300	--	--	--	--	--	--	--
AK102	mg/kg	DRO	Diesel Range Organics	250	--	--	--	--	--	--	--
AK103	mg/kg	RRO	Residual Range Organics	10000	--	--	--	--	--	--	--
SW6020A	mg/kg	7440-38-2	Arsenic	0.2	--	--	--	--	--	--	--
SW6020A	mg/kg	7440-39-3	Barium	2100	--	--	--	--	--	--	--
SW6020A	mg/kg	7440-43-9	Cadmium	9.1	--	--	--	--	--	--	--
SW6020A	mg/kg	7440-47-3	Chromium	100000	--	--	--	--	--	--	--
SW6020A	mg/kg	7439-92-1	Lead	400	--	--	--	--	--	--	--
SW6020A	mg/kg	7440-02-0	Nickel	340	--	--	--	--	--	--	--
SW6020A	mg/kg	7782-49-2	Selenium	6.9	--	--	--	--	--	--	--
SW6020A	mg/kg	7440-22-4	Silver	11	--	--	--	--	--	--	--
SW6020A	mg/kg	7440-62-2	Vanadium	510	--	--	--	--	--	--	--
SW7471B	mg/kg	7439-97-6	Mercury	0.36	--	--	--	--	--	--	--
SW8011	mg/kg	96-18-4	1,2,3-Trichloropropane	0.000031	--	--	--	--	--	--	--
SW8011	mg/kg	106-93-4	1,2-Dibromoethane	0.00024	--	--	--	--	--	--	--
SW8081B	mg/kg	309-00-2	Aldrin	0.0099	--	--	--	--	--	--	--
SW8081B	mg/kg	319-84-6	Alpha-Hexachlorocyclohexane	0.0029	--	--	--	--	--	--	--
SW8081B	mg/kg	319-85-7	Beta-Hexachlorocyclohexane	0.01	--	--	--	--	--	--	--
SW8081B	mg/kg	12789-03-6	Chlordane	0.18	--	--	--	--	--	--	--
SW8081B	mg/kg	5103-71-9	CIS-CHLORDANE		--	--	--	--	--	--	--
SW8081B	mg/kg	72-54-8	DDD	0.098	--	--	--	--	--	--	--
SW8081B	mg/kg	50-29-3	DDT	5.1	--	--	--	--	--	--	--
SW8081B	mg/kg	319-86-8	DELTA-BHC		--	--	--	--	--	--	--
SW8081B	mg/kg	60-57-1	Dieldrin	0.0047	--	--	--	--	--	--	--
SW8081B	mg/kg	115-29-7	Endosulfan (I + II)	9.3	--	--	--	--	--	--	--
SW8081B	mg/kg	959-98-8	ENDOSULFAN I		--	--	--	--	--	--	--
SW8081B	mg/kg	33213-65-9	ENDOSULFAN II		--	--	--	--	--	--	--
SW8081B	mg/kg	1031-07-8	ENDOSULFAN SULFATE		--	--	--	--	--	--	--
SW8081B	mg/kg	72-20-8	Endrin	0.61	--	--	--	--	--	--	--
SW8081B	mg/kg	7421-93-4	ENDRIN ALDEHYDE		--	--	--	--	--	--	--
SW8081B	mg/kg	53494-70-5	ENDRIN KETONE		--	--	--	--	--	--	--
SW8081B	mg/kg	58-89-9	Gamma- (Lindane)Hexachlorocyclohexane	0.016	--	--	--	--	--	--	--
SW8081B	mg/kg	76-44-8	Heptachlor	0.0076	--	--	--	--	--	--	--
SW8081B	mg/kg	1024-57-3	Heptachlor Epoxide	0.0019	--	--	--	--	--	--	--
SW8081B	mg/kg	72-43-5	Methoxychlor	13	--	--	--	--	--	--	--
SW8081B	mg/kg	72-55-9	p,p'-DDE	0.72	--	--	--	--	--	--	--
SW8081B	mg/kg	8001-35-2	Toxaphene	0.72	--	--	--	--	--	--	--
SW8081B	mg/kg	5103-74-2	TRANS-CHLORDANE		--	--	--	--	--	--	--

[1] 18 AAC 75 Table B MTG or U40 HH (10/2018)
[2] One-tenth 18 AAC 75 Table B U40 HH (10/2018)
Flags and acronyms defined at end of tables
LOD shown in brackets

				Sample ID	18-NLF-WS-01-S01	18-NLF-WS-02-S01	18-NLF-WS-03-S01	18-NLF-WS-04-S01	18-NLF-WS-05-S01	18-NLF-WS-06-S01	18-NLF-WS-07-S01
				Location ID	9cy NLF-S-001	9cy NLF-S-002	9cy NLF-S-003	9cy NLF-S-004	9cy NLF-S-005	9cy NLF-S-006	9cy NLF-S-007
				Sample Date/Time	7/20/2018	7/21/2018	7/22/2018	7/22/2018	7/23/2018	7/23/2018	7/24/2018
				Sample Delivery Group	320414141	320414141	320414141	320414141	320414631	320414631	320415601
				Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
				Sample Type	Waste Characterization	Waste Characterization	Waste Characterization	Waste Characterization	Waste Characterization	Waste Characterization	Waste Characterization
Method	Units	CAS ID	Analyte	PAL[1]							
SW8082A	mg/kg	12674-11-2	Aroclor 1016		ND [0.11]	ND [0.022]	ND [12]	ND [0.024]	ND [1.1]	ND [0.064]	ND [0.012]
SW8082A	mg/kg	11104-28-2	Aroclor 1221		ND [0.17]	ND [0.033]	ND [19]	ND [0.035]	ND [1.6]	ND [0.096]	ND [0.017]
SW8082A	mg/kg	11141-16-5	Aroclor 1232		ND [0.23]	ND [0.043]	ND [25]	ND [0.047]	ND [2.2]	ND [0.13]	ND [0.023]
SW8082A	mg/kg	53469-21-9	Aroclor 1242		ND [0.23]	ND [0.043]	ND [25]	ND [0.047]	ND [2.2]	ND [0.13]	ND [0.023]
SW8082A	mg/kg	12672-29-6	Aroclor 1248		ND [0.17]	ND [0.033]	ND [19]	ND [0.035]	ND [1.6]	ND [0.096]	ND [0.017]
SW8082A	mg/kg	11097-69-1	Aroclor 1254		ND [0.11]	ND [0.022]	ND [12]	ND [0.024]	ND [1.1]	ND [0.064]	ND [0.012]
SW8082A	mg/kg	11096-82-5	Aroclor 1260		2.9 [0.11]	0.41 [0.022]	190 [12]	0.12 [0.024]	44 [1.1]	0.9 [0.064]	0.4 [0.012]
SW8082A	mg/kg	PCBS	PCBS	1	**3.92 [1.13]**	0.606 [0.218]	**302 [124]**	0.332 [0.236]	**53.8 [10.9]**	**1.48 [0.644]**	0.504 [0.116]
SW8151A	mg/kg	93-76-5	2,4,5-Trichlorophenoxyacetic Acid	0.66	--	--	--	--	--	--	--
SW8151A	mg/kg	94-75-7	2,4-Dichlorophenoxy Acetic Acid	0.53	--	--	--	--	--	--	--
SW8151A	mg/kg	100-02-7	4-Nitrophenol		--	--	--	--	--	--	--
SW8151A	mg/kg	94-82-6	Butanoic acid, 4-(2,4-dichlorophenoxy)-		--	--	--	--	--	--	--
SW8151A	mg/kg	75-99-0	Dalapon		--	--	--	--	--	--	--
SW8151A	mg/kg	1918-00-9	Dicamba		--	--	--	--	--	--	--
SW8151A	mg/kg	120-36-5	Dichlorprop		--	--	--	--	--	--	--
SW8151A	mg/kg	88-85-7	Dinoseb		--	--	--	--	--	--	--
SW8151A	mg/kg	94-74-6	MCPA		--	--	--	--	--	--	--
SW8151A	mg/kg	93-65-2	MCPP		--	--	--	--	--	--	--
SW8151A	mg/kg	87-86-5	Pentachlorophenol	0.0043	--	--	--	--	--	--	--
SW8151A	mg/kg	93-72-1	Trichlorophenoxypropionic acid, -2,4,5	0.55	--	--	--	--	--	--	--
SW8260C	mg/kg	630-20-6	1,1,1,2-Tetrachloroethane	0.022	--	--	--	--	--	--	--
SW8260C	mg/kg	71-55-6	1,1,1-Trichloroethane	32	--	--	--	--	--	--	--
SW8260C	mg/kg	75-34-3	1,1-Dichloroethane	0.092	--	--	--	--	--	--	--
SW8260C	mg/kg	75-35-4	1,1-Dichloroethene	1.2	--	--	--	--	--	--	--
SW8260C	mg/kg	563-58-6	1,1-Dichloropropene		--	--	--	--	--	--	--
SW8260C	mg/kg	87-61-6	1,2,3-Trichlorobenzene	0.15	--	--	--	--	--	--	--
SW8260C	mg/kg	96-18-4	1,2,3-Trichloropropane	0.000031	--	--	--	--	--	--	--
SW8260C	mg/kg	120-82-1	1,2,4-Trichlorobenzene	0.082	--	--	--	--	--	--	--
SW8260C	mg/kg	95-63-6	1,2,4-Trimethylbenzene	0.61	--	--	--	--	--	--	--
SW8260C	mg/kg	156-59-2	1,2-cis-Dichloroethylene	0.12	--	--	--	--	--	--	--
SW8260C	mg/kg	96-12-8	1,2-Dibromo-3-chloropropane		--	--	--	--	--	--	--
SW8260C	mg/kg	95-50-1	1,2-Dichlorobenzene	2.4	--	--	--	--	--	--	--
SW8260C	mg/kg	78-87-5	1,2-Dichloropropane	0.03	--	--	--	--	--	--	--
SW8260C	mg/kg	156-60-5	1,2-trans-Dichloroethylene	1.3	--	--	--	--	--	--	--
SW8260C	mg/kg	108-67-8	1,3,5-Trimethylbenzene	0.66	--	--	--	--	--	--	--
SW8260C	mg/kg	541-73-1	1,3-Dichlorobenzene	2.3	--	--	--	--	--	--	--
SW8260C	mg/kg	142-28-9	1,3-Dichloropropane		--	--	--	--	--	--	--
SW8260C	mg/kg	106-46-7	1,4-Dichlorobenzene	0.037	--	--	--	--	--	--	--
SW8260C	mg/kg	594-20-7	2,2-Dichloropropane		--	--	--	--	--	--	--
SW8260C	mg/kg	78-93-3	2-Butanone	15	--	--	--	--	--	--	--

[1] 18 AAC 75 Table B MTG or U40 HH (10/2018)
[2] One-tenth 18 AAC 75 Table B U40 HH (10/2018)
Flags and acronyms defined at end of tables
LOD shown in brackets

				Sample ID	18-NLF-WS-01-S01	18-NLF-WS-02-S01	18-NLF-WS-03-S01	18-NLF-WS-04-S01	18-NLF-WS-05-S01	18-NLF-WS-06-S01	18-NLF-WS-07-S01
				Location ID	9cy NLF-S-001	9cy NLF-S-002	9cy NLF-S-003	9cy NLF-S-004	9cy NLF-S-005	9cy NLF-S-006	9cy NLF-S-007
				Sample Date/Time	7/20/2018	7/21/2018	7/22/2018	7/22/2018	7/23/2018	7/23/2018	7/24/2018
				Sample Delivery Group	320414141	320414141	320414141	320414141	320414631	320414631	320415601
				Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
				Sample Type	Waste Characterization	Waste Characterization	Waste Characterization	Waste Characterization	Waste Characterization	Waste Characterization	Waste Characterization
Method	Units	CAS ID	Analyte	PAL[1]							
SW8260C	mg/kg	95-49-8	2-Chlorotoluene		--	--	--	--	--	--	--
SW8260C	mg/kg	591-78-6	2-Hexanone	0.11	--	--	--	--	--	--	--
SW8260C	mg/kg	106-43-4	4-Chlorotoluene		--	--	--	--	--	--	--
SW8260C	mg/kg	99-87-6	4-Isopropyltoluene		--	--	--	--	--	--	--
SW8260C	mg/kg	108-10-1	4-Methyl-2-pentanone	18	--	--	--	--	--	--	--
SW8260C	mg/kg	67-64-1	Acetone	38	--	--	--	--	--	--	--
SW8260C	mg/kg	71-43-2	Benzene	0.022	--	--	--	--	--	--	--
SW8260C	mg/kg	108-86-1	Bromobenzene	0.36	--	--	--	--	--	--	--
SW8260C	mg/kg	74-97-5	Bromochloromethane		--	--	--	--	--	--	--
SW8260C	mg/kg	75-25-2	Bromoform	0.1	--	--	--	--	--	--	--
SW8260C	mg/kg	75-15-0	Carbon disulfide	2.9	--	--	--	--	--	--	--
SW8260C	mg/kg	56-23-5	Carbon tetrachloride	0.021	--	--	--	--	--	--	--
SW8260C	mg/kg	108-90-7	Chlorobenzene	0.46	--	--	--	--	--	--	--
SW8260C	mg/kg	75-00-3	Chloroethane	72	--	--	--	--	--	--	--
SW8260C	mg/kg	74-87-3	Chloromethane	0.61	--	--	--	--	--	--	--
SW8260C	mg/kg	10061-01-5	cis-1,3-Dichloropropene		--	--	--	--	--	--	--
SW8260C	mg/kg	98-82-8	Cumene	5.6	--	--	--	--	--	--	--
SW8260C	mg/kg	110-82-7	Cyclohexane	77	--	--	--	--	--	--	--
SW8260C	mg/kg	74-95-3	Dibromomethane	0.025	--	--	--	--	--	--	--
SW8260C	mg/kg	75-71-8	Dichlorodifluoromethane (Freon 12)	3.9	--	--	--	--	--	--	--
SW8260C	mg/kg	100-41-4	Ethylbenzene	0.13	--	--	--	--	--	--	--
SW8260C	mg/kg	87-68-3	Hexachlorobutadiene	0.02	--	--	--	--	--	--	--
SW8260C	mg/kg	75-09-2	Methylene chloride	0.33	--	--	--	--	--	--	--
SW8260C	mg/kg	1634-04-4	Methyl-tert-butyl ether (MTBE)	0.4	--	--	--	--	--	--	--
SW8260C	mg/kg	179601-23-1	m-Xylene & p-Xylene		--	--	--	--	--	--	--
SW8260C	mg/kg	91-20-3	Naphthalene	0.038	--	--	--	--	--	--	--
SW8260C	mg/kg	104-51-8	n-Butylbenzene	20	--	--	--	--	--	--	--
SW8260C	mg/kg	103-65-1	n-Propylbenzene	9.1	--	--	--	--	--	--	--
SW8260C	mg/kg	95-47-6	o-Xylene		--	--	--	--	--	--	--
SW8260C	mg/kg	135-98-8	sec-Butylbenzene	28	--	--	--	--	--	--	--
SW8260C	mg/kg	100-42-5	Styrene	10	--	--	--	--	--	--	--
SW8260C	mg/kg	98-06-6	tert-Butylbenzene	11	--	--	--	--	--	--	--
SW8260C	mg/kg	127-18-4	Tetrachloroethene (PCE)	0.19	--	--	--	--	--	--	--
SW8260C	mg/kg	108-88-3	Toluene	6.7	--	--	--	--	--	--	--
SW8260C	mg/kg	10061-02-6	trans-1,3-Dichloropropene		--	--	--	--	--	--	--
SW8260C	mg/kg	75-69-4	Trichlorofluoromethane (Freon 11)	41	--	--	--	--	--	--	--
SW8260C	mg/kg	1330-20-7	Xylenes	1.5	--	--	--	--	--	--	--

[1] 18 AAC 75 Table B MTG or U40 HH (10/2018)
[2] One-tenth 18 AAC 75 Table B U40 HH (10/2018)
Flags and acronyms defined at end of tables
LOD shown in brackets

				Sample ID	18-NLF-WS-01-S01	18-NLF-WS-02-S01	18-NLF-WS-03-S01	18-NLF-WS-04-S01	18-NLF-WS-05-S01	18-NLF-WS-06-S01	18-NLF-WS-07-S01
				Location ID	9cy NLF-S-001	9cy NLF-S-002	9cy NLF-S-003	9cy NLF-S-004	9cy NLF-S-005	9cy NLF-S-006	9cy NLF-S-007
				Sample Date/Time	7/20/2018	7/21/2018	7/22/2018	7/22/2018	7/23/2018	7/23/2018	7/24/2018
				Sample Delivery Group	320414141	320414141	320414141	320414141	320414631	320414631	320415601
				Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
				Sample Type	Waste Characterization	Waste Characterization	Waste Characterization	Waste Characterization	Waste Characterization	Waste Characterization	Waste Characterization
Method	Units	CAS ID	Analyte	PAL[1]							
SW8260C SIM	mg/kg	79-34-5	1,1,2,2-Tetrachloroethane	0.003	--	--	--	--	--	--	--
SW8260C SIM	mg/kg	79-00-5	1,1,2-Trichloroethane	0.0014	--	--	--	--	--	--	--
SW8260C SIM	mg/kg	106-93-4	1,2-Dibromoethane	0.00024	--	--	--	--	--	--	--
SW8260C SIM	mg/kg	107-06-2	1,2-Dichloroethane	0.0055	--	--	--	--	--	--	--
SW8260C SIM	mg/kg	75-27-4	Bromodichloromethane	0.0043	--	--	--	--	--	--	--
SW8260C SIM	mg/kg	74-83-9	Bromomethane	0.024	--	--	--	--	--	--	--
SW8260C SIM	mg/kg	67-66-3	Chloroform	0.0071	--	--	--	--	--	--	--
SW8260C SIM	mg/kg	124-48-1	Dibromochloromethane	0.0027	--	--	--	--	--	--	--
SW8260C SIM	mg/kg	79-01-6	Trichloroethene (TCE)	0.011	--	--	--	--	--	--	--
SW8260C SIM	mg/kg	75-01-4	Vinyl Chloride	0.0008	--	--	--	--	--	--	--
SW8270D	mg/kg	120-82-1	1,2,4-Trichlorobenzene	0.082	--	--	--	--	--	--	--
SW8270D	mg/kg	95-50-1	1,2-Dichlorobenzene	2.4	--	--	--	--	--	--	--
SW8270D	mg/kg	541-73-1	1,3-Dichlorobenzene	2.3	--	--	--	--	--	--	--
SW8270D	mg/kg	106-46-7	1,4-Dichlorobenzene	0.037	--	--	--	--	--	--	--
SW8270D	mg/kg	90-12-0	1-Methylnaphthalene	0.41	--	--	--	--	--	--	--
SW8270D	mg/kg	95-95-4	2,4,5-Trichlorophenol	28	--	--	--	--	--	--	--
SW8270D	mg/kg	88-06-2	2,4,6-Trichlorophenol	0.092	--	--	--	--	--	--	--
SW8270D	mg/kg	120-83-2	2,4-Dichlorophenol	0.21	--	--	--	--	--	--	--
SW8270D	mg/kg	105-67-9	2,4-Dimethylphenol	3.2	--	--	--	--	--	--	--
SW8270D	mg/kg	51-28-5	2,4-Dinitrophenol	0.34	--	--	--	--	--	--	--
SW8270D	mg/kg	121-14-2	2,4-Dinitrotoluene	0.024	--	--	--	--	--	--	--
SW8270D	mg/kg	606-20-2	2,6-Dinitrotoluene	0.005	--	--	--	--	--	--	--
SW8270D	mg/kg	95-57-8	2-Chlorophenol	0.71	--	--	--	--	--	--	--
SW8270D	mg/kg	91-57-6	2-Methylnaphthalene	1.3	--	--	--	--	--	--	--
SW8270D	mg/kg	88-75-5	2-Nitrophenol		--	--	--	--	--	--	--
SW8270D	mg/kg	15831-10-4	3 & 4 METHYLPHENOL		--	--	--	--	--	--	--
SW8270D	mg/kg	91-94-1	3,3'-Dichlorobenzidine	0.056	--	--	--	--	--	--	--
SW8270D	mg/kg	99-09-2	3-Nitroaniline		--	--	--	--	--	--	--
SW8270D	mg/kg	101-55-3	4-Bromophenyl-phenylether		--	--	--	--	--	--	--
SW8270D	mg/kg	7005-72-3	4-Chlorophenyl-phenylether		--	--	--	--	--	--	--
SW8270D	mg/kg	100-02-7	4-Nitrophenol		--	--	--	--	--	--	--
SW8270D	mg/kg	83-32-9	Acenaphthene	37	--	--	--	--	--	--	--
SW8270D	mg/kg	208-96-8	Acenaphthylene	18	--	--	--	--	--	--	--
SW8270D	mg/kg	120-12-7	Anthracene	390	--	--	--	--	--	--	--
SW8270D	mg/kg	56-55-3	Benz[a]anthracene	0.7	--	--	--	--	--	--	--
SW8270D	mg/kg	50-32-8	Benzo(a)pyrene	1.5	--	--	--	--	--	--	--
SW8270D	mg/kg	205-99-2	Benzo(b)fluoranthene	15	--	--	--	--	--	--	--
SW8270D	mg/kg	207-08-9	Benzo(k)fluoranthene	150	--	--	--	--	--	--	--
SW8270D	mg/kg	191-24-2	Benzo[g,h,i]perylene	2300	--	--	--	--	--	--	--
SW8270D	mg/kg	100-51-6	Benzyl Alcohol	5.7	--	--	--	--	--	--	--

[1] 18 AAC 75 Table B MTG or U40 HH (10/2018)
[2] One-tenth 18 AAC 75 Table B U40 HH (10/2018)
Flags and acronyms defined at end of tables
LOD shown in brackets

				Sample ID	18-NLF-WS-01-S01	18-NLF-WS-02-S01	18-NLF-WS-03-S01	18-NLF-WS-04-S01	18-NLF-WS-05-S01	18-NLF-WS-06-S01	18-NLF-WS-07-S01
				Location ID	9cy NLF-S-001	9cy NLF-S-002	9cy NLF-S-003	9cy NLF-S-004	9cy NLF-S-005	9cy NLF-S-006	9cy NLF-S-007
				Sample Date/Time	7/20/2018	7/21/2018	7/22/2018	7/22/2018	7/23/2018	7/23/2018	7/24/2018
				Sample Delivery Group	320414141	320414141	320414141	320414141	320414631	320414631	320415601
				Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
				Sample Type	Waste Characterization	Waste Characterization	Waste Characterization	Waste Characterization	Waste Characterization	Waste Characterization	Waste Characterization
Method	Units	CAS ID	Analyte	PAL[1]							
SW8270D	mg/kg	91-58-7	Beta-Chloronaphthalene	26	--	--	--	--	--	--	--
SW8270D	mg/kg	108-60-1	Bis(2-chloro-1-methylethyl) ether		--	--	--	--	--	--	--
SW8270D	mg/kg	111-91-1	Bis(2-chloroethoxy)methane		--	--	--	--	--	--	--
SW8270D	mg/kg	117-81-7	Bis(2-ethylhexyl)phthalate	88	--	--	--	--	--	--	--
SW8270D	mg/kg	85-68-7	Butyl Benzyl Phthalate	16	--	--	--	--	--	--	--
SW8270D	mg/kg	86-74-8	Carbazole		--	--	--	--	--	--	--
SW8270D	mg/kg	218-01-9	Chrysene	600	--	--	--	--	--	--	--
SW8270D	mg/kg	59-50-7	Cresol, p-chloro-m-		--	--	--	--	--	--	--
SW8270D	mg/kg	53-70-3	Dibenz[a,h]anthracene	1.5	--	--	--	--	--	--	--
SW8270D	mg/kg	132-64-9	Dibenzofuran	0.97	--	--	--	--	--	--	--
SW8270D	mg/kg	84-74-2	Dibutyl Phthalate	16	--	--	--	--	--	--	--
SW8270D	mg/kg	84-66-2	Diethyl Phthalate	60	--	--	--	--	--	--	--
SW8270D	mg/kg	131-11-3	Dimethylphthalate	48	--	--	--	--	--	--	--
SW8270D	mg/kg	534-52-1	Dinitro-o-cresol, 4,6-		--	--	--	--	--	--	--
SW8270D	mg/kg	117-84-0	di-N-Octyl Phthalate	370	--	--	--	--	--	--	--
SW8270D	mg/kg	206-44-0	Fluoranthene	590	--	--	--	--	--	--	--
SW8270D	mg/kg	86-73-7	Fluorene	36	--	--	--	--	--	--	--
SW8270D	mg/kg	87-68-3	Hexachlorobutadiene	0.02	--	--	--	--	--	--	--
SW8270D	mg/kg	67-72-1	Hexachloroethane	0.018	--	--	--	--	--	--	--
SW8270D	mg/kg	193-39-5	Indeno(1,2,3-cd)pyrene	15	--	--	--	--	--	--	--
SW8270D	mg/kg	78-59-1	Isophorone	2.7	--	--	--	--	--	--	--
SW8270D	mg/kg	91-20-3	Naphthalene	0.038	--	--	--	--	--	--	--
SW8270D	mg/kg	88-74-4	Nitroaniline, 2-		--	--	--	--	--	--	--
SW8270D	mg/kg	100-01-6	Nitroaniline, 4-		--	--	--	--	--	--	--
SW8270D	mg/kg	98-95-3	Nitrobenzene	0.0079	--	--	--	--	--	--	--
SW8270D	mg/kg	62-75-9	N-Nitrosodimethylamine	0.0000033	--	--	--	--	--	--	--
SW8270D	mg/kg	86-30-6	N-Nitrosodiphenylamine	4.6	--	--	--	--	--	--	--
SW8270D	mg/kg	95-48-7	o-Cresol	6.2	--	--	--	--	--	--	--
SW8270D	mg/kg	106-47-8	p-Chloroaniline	0.015	--	--	--	--	--	--	--
SW8270D	mg/kg	85-01-8	Phenanthrene	39	--	--	--	--	--	--	--
SW8270D	mg/kg	108-95-2	Phenol	29	--	--	--	--	--	--	--
SW8270D	mg/kg	129-00-0	Pyrene	87	--	--	--	--	--	--	--

[1] 18 AAC 75 Table B MTG or U40 HH (10/2018)
[2] One-tenth 18 AAC 75 Table B U40 HH (10/2018)
Flags and acronyms defined at end of tables
LOD shown in brackets

				Sample ID	18-NLF-WS-01-S01	18-NLF-WS-02-S01	18-NLF-WS-03-S01	18-NLF-WS-04-S01	18-NLF-WS-05-S01	18-NLF-WS-06-S01	18-NLF-WS-07-S01
				Location ID	9cy NLF-S-001	9cy NLF-S-002	9cy NLF-S-003	9cy NLF-S-004	9cy NLF-S-005	9cy NLF-S-006	9cy NLF-S-007
				Sample Date/Time	7/20/2018	7/21/2018	7/22/2018	7/22/2018	7/23/2018	7/23/2018	7/24/2018
				Sample Delivery Group	320414141	320414141	320414141	320414141	320414631	320414631	320415601
				Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
				Sample Type	Waste Characterization	Waste Characterization	Waste Characterization	Waste Characterization	Waste Characterization	Waste Characterization	Waste Characterization
Method	Units	CAS ID	Analyte	PAL[1]							
SW8270D SIM	mg/kg	90-12-0	1-Methylnaphthalene	0.41	--	--	--	--	--	--	--
SW8270D SIM	mg/kg	91-57-6	2-Methylnaphthalene	1.3	--	--	--	--	--	--	--
SW8270D SIM	mg/kg	83-32-9	Acenaphthene	37	--	--	--	--	--	--	--
SW8270D SIM	mg/kg	208-96-8	Acenaphthylene	18	--	--	--	--	--	--	--
SW8270D SIM	mg/kg	120-12-7	Anthracene	390	--	--	--	--	--	--	--
SW8270D SIM	mg/kg	56-55-3	Benz[a]anthracene	0.7	--	--	--	--	--	--	--
SW8270D SIM	mg/kg	50-32-8	Benzo(a)pyrene	1.5	--	--	--	--	--	--	--
SW8270D SIM	mg/kg	205-99-2	Benzo(b)fluoranthene	15	--	--	--	--	--	--	--
SW8270D SIM	mg/kg	207-08-9	Benzo(k)fluoranthene	150	--	--	--	--	--	--	--
SW8270D SIM	mg/kg	191-24-2	Benzo[g,h,i]perylene	2300	--	--	--	--	--	--	--
SW8270D SIM	mg/kg	111-44-4	Bis(2-chloroethyl)ether	0.00042	--	--	--	--	--	--	--
SW8270D SIM	mg/kg	218-01-9	Chrysene	600	--	--	--	--	--	--	--
SW8270D SIM	mg/kg	53-70-3	Dibenz[a,h]anthracene	1.5	--	--	--	--	--	--	--
SW8270D SIM	mg/kg	206-44-0	Fluoranthene	590	--	--	--	--	--	--	--
SW8270D SIM	mg/kg	86-73-7	Fluorene	36	--	--	--	--	--	--	--
SW8270D SIM	mg/kg	118-74-1	Hexachlorobenzene	0.0082	--	--	--	--	--	--	--
SW8270D SIM	mg/kg	77-47-4	Hexachlorocyclopentadiene	0.0093	--	--	--	--	--	--	--
SW8270D SIM	mg/kg	193-39-5	Indeno(1,2,3-cd)pyrene	15	--	--	--	--	--	--	--
SW8270D SIM	mg/kg	91-20-3	Naphthalene	0.038	--	--	--	--	--	--	--
SW8270D SIM	mg/kg	621-64-7	N-Nitroso-di-N-propylamine	0.00068	--	--	--	--	--	--	--
SW8270D SIM	mg/kg	87-86-5	Pentachlorophenol	0.0043	--	--	--	--	--	--	--
SW8270D SIM	mg/kg	85-01-8	Phenanthrene	39	--	--	--	--	--	--	--
SW8270D SIM	mg/kg	129-00-0	Pyrene	87	--	--	--	--	--	--	--

[1] 18 AAC 75 Table B MTG or U40 HH (10/2018)
[2] One-tenth 18 AAC 75 Table B U40 HH (10/2018)
Flags and acronyms defined at end of tables
LOD shown in brackets

				Sample ID	18-NLF-WS-08-S01	18-NLF-WS-09-S01	18-NLF-WS-10-S01	18-NLF-WS-11-S01
				Location ID	9cy NLF-S-008	55gal NLF-S-009	55gal NLF-S-010	55gal NLF-S-011
				Sample Date/Time	7/25/2018	7/28/2018	7/28/2018	7/28/2018
				Sample Delivery Group	320415601	320416481	320416481	320416481
				Matrix	Soil	Soil	Soil	Soil
				Sample Type	Waste Characterization	Waste Characterization	Waste Characterization	Waste Characterization
Method	Units	CAS ID	Analyte	PAL[1]				
AK101	mg/kg	GRO	Gas Range Organics	300	--	0.48 [0.82] J	0.81 [0.96] J	0.55 [0.78] J
AK102	mg/kg	DRO	Diesel Range Organics	250	--	3.1 [1.1]	1.3 [1.1] J	0.66 [1.1] J
AK103	mg/kg	RRO	Residual Range Organics	10000	--	15 [11] J	5.8 [11] J	ND [11]
SW6020A	mg/kg	7440-38-2	Arsenic	0.2	--	**3.1 [0.13]**	**3.2 [0.14]**	**3.5 [0.12]**
SW6020A	mg/kg	7440-39-3	Barium	2100	--	55 [0.13]	48 [0.14]	48 [0.12]
SW6020A	mg/kg	7440-43-9	Cadmium	9.1	--	0.091 [0.063] J	0.077 [0.068] J	0.078 [0.061] J
SW6020A	mg/kg	7440-47-3	Chromium	100000	--	14 [0.078]	22 [0.086]	12 [0.076]
SW6020A	mg/kg	7439-92-1	Lead	400	--	3.8 [0.060]	2.8 [0.065]	2.3 [0.058]
SW6020A	mg/kg	7440-02-0	Nickel	340	--	9.8 [0.16]	8.8 [0.17]	9.6 [0.15]
SW6020A	mg/kg	7782-49-2	Selenium	6.9	--	0.60 [0.31]	0.67 [0.34]	0.63 [0.30]
SW6020A	mg/kg	7440-22-4	Silver	11	--	0.028 [0.016] J	0.023 [0.017] J	0.020 [0.015] J
SW6020A	mg/kg	7440-62-2	Vanadium	510	--	51 [0.31]	49 [0.34]	54 [0.30]
SW7471B	mg/kg	7439-97-6	Mercury	0.36	--	0.018 [0.025] J	0.017 [0.024] J	0.014 [0.028] J
SW8011	mg/kg	96-18-4	1,2,3-Trichloropropane	0.000031	--	**ND [0.00017]**	**ND [0.00016]**	**ND [0.00017]**
SW8011	mg/kg	106-93-4	1,2-Dibromoethane	0.00024	--	ND [0.000042]	ND [0.000041]	ND [0.000043]
SW8081B	mg/kg	309-00-2	Aldrin	0.0099	--	ND [0.00056]	ND [0.00052]	ND [0.00054]
SW8081B	mg/kg	319-84-6	Alpha-Hexachlorocyclohexane	0.0029	--	ND [0.00056]	ND [0.00052]	ND [0.00054]
SW8081B	mg/kg	319-85-7	Beta-Hexachlorocyclohexane	0.01	--	ND [0.00056]	ND [0.00052]	ND [0.00054]
SW8081B	mg/kg	12789-03-6	Chlordane	0.18	--	ND [0.022]	ND [0.021]	ND [0.021]
SW8081B	mg/kg	5103-71-9	CIS-CHLORDANE		--	ND [0.00056]	ND [0.00052]	ND [0.00054]
SW8081B	mg/kg	72-54-8	DDD	0.098	--	ND [0.00056]	ND [0.00052]	ND [0.00054]
SW8081B	mg/kg	50-29-3	DDT	5.1	--	ND [0.0011]	ND [0.0010]	ND [0.0011]
SW8081B	mg/kg	319-86-8	DELTA-BHC		--	ND [0.00056]	ND [0.00052]	ND [0.00054]
SW8081B	mg/kg	60-57-1	Dieldrin	0.0047	--	ND [0.00056]	ND [0.00052]	ND [0.00054]
SW8081B	mg/kg	115-29-7	Endosulfan (I + II)	9.3	--	ND [0.00112]	ND [0.00104]	ND [0.00108]
SW8081B	mg/kg	959-98-8	ENDOSULFAN I		--	ND [0.00056]	ND [0.00052]	ND [0.00054]
SW8081B	mg/kg	33213-65-9	ENDOSULFAN II		--	ND [0.00056]	ND [0.00052]	ND [0.00054]
SW8081B	mg/kg	1031-07-8	ENDOSULFAN SULFATE		--	ND [0.0011]	ND [0.0010]	ND [0.0011]
SW8081B	mg/kg	72-20-8	Endrin	0.61	--	ND [0.00030]	ND [0.00028]	ND [0.00029]
SW8081B	mg/kg	7421-93-4	ENDRIN ALDEHYDE		--	ND [0.0011]	ND [0.0010]	ND [0.0011]
SW8081B	mg/kg	53494-70-5	ENDRIN KETONE		--	ND [0.0011]	ND [0.0010]	ND [0.0011]
SW8081B	mg/kg	58-89-9	Gamma- (Lindane)Hexachlorocyclohexane	0.016	--	ND [0.00056]	ND [0.00052]	ND [0.00054]
SW8081B	mg/kg	76-44-8	Heptachlor	0.0076	--	ND [0.00056]	ND [0.00052]	ND [0.00054]
SW8081B	mg/kg	1024-57-3	Heptachlor Epoxide	0.0019	--	0.00024 [0.00030] J	0.00033 [0.00028] J	ND [0.00029]
SW8081B	mg/kg	72-43-5	Methoxychlor	13	--	ND [0.0033]	ND [0.0031]	ND [0.0032]
SW8081B	mg/kg	72-55-9	p,p'-DDE	0.72	--	ND [0.00056]	ND [0.00052]	ND [0.00054]
SW8081B	mg/kg	8001-35-2	Toxaphene	0.72	--	ND [0.056]	ND [0.052]	ND [0.054]
SW8081B	mg/kg	5103-74-2	TRANS-CHLORDANE		--	ND [0.00030]	ND [0.00028]	ND [0.00029]

[1] 18 AAC 75 Table B MTG or U40 HH (10/2018)
[2] One-tenth 18 AAC 75 Table B U40 HH (10/2018)
Flags and acronyms defined at end of tables
LOD shown in brackets

				Sample ID	18-NLF-WS-08-S01	18-NLF-WS-09-S01	18-NLF-WS-10-S01	18-NLF-WS-11-S01
				Location ID	9cy NLF-S-008	55gal NLF-S-009	55gal NLF-S-010	55gal NLF-S-011
				Sample Date/Time	7/25/2018	7/28/2018	7/28/2018	7/28/2018
				Sample Delivery Group	320415601	320416481	320416481	320416481
				Matrix	Soil	Soil	Soil	Soil
					Waste	Waste	Waste	Waste
				Sample Type	Characterization	Characterization	Characterization	Characterization
Method	Units	CAS ID	Analyte	PAL[1]				
SW8082A	mg/kg	12674-11-2	Aroclor 1016		ND [0.023]	ND [0.011]	ND [0.01]	ND [0.011]
SW8082A	mg/kg	11104-28-2	Aroclor 1221		ND [0.035]	ND [0.017]	ND [0.015]	ND [0.016]
SW8082A	mg/kg	11141-16-5	Aroclor 1232		ND [0.047]	ND [0.022]	ND [0.021]	ND [0.021]
SW8082A	mg/kg	53469-21-9	Aroclor 1242		ND [0.047]	ND [0.022]	ND [0.021]	ND [0.021]
SW8082A	mg/kg	12672-29-6	Aroclor 1248		ND [0.035]	ND [0.017]	ND [0.015]	ND [0.016]
SW8082A	mg/kg	11097-69-1	Aroclor 1254		ND [0.023]	ND [0.011]	ND [0.01]	ND [0.011]
SW8082A	mg/kg	11096-82-5	Aroclor 1260		0.7 [0.023]	0.13 [0.011]	0.092 [0.01]	0.0034 [0.011] J
SW8082A	mg/kg	PCBS	PCBS	1	0.91 [0.233]	0.23 [0.111]	0.184 [0.102]	0.0994 [0.107]
SW8151A	mg/kg	93-76-5	2,4,5-Trichlorophenoxyacetic Acid	0.66	--	ND [0.086]	ND [0.083]	ND [0.088]
SW8151A	mg/kg	94-75-7	2,4-Dichlorophenoxy Acetic Acid	0.53	--	ND [0.086]	ND [0.083]	ND [0.088]
SW8151A	mg/kg	100-02-7	4-Nitrophenol		--	ND [0.086]	ND [0.083]	ND [0.088]
SW8151A	mg/kg	94-82-6	Butanoic acid, 4-(2,4-dichlorophenoxy)-		--	ND [0.086]	ND [0.083]	ND [0.088]
SW8151A	mg/kg	75-99-0	Dalapon		--	ND [0.13]	ND [0.13]	ND [0.13]
SW8151A	mg/kg	1918-00-9	Dicamba		--	ND [0.086]	ND [0.083]	ND [0.088]
SW8151A	mg/kg	120-36-5	Dichlorprop		--	ND [0.086]	ND [0.083]	ND [0.088]
SW8151A	mg/kg	88-85-7	Dinoseb		--	ND [0.13]	ND [0.13]	ND [0.13]
SW8151A	mg/kg	94-74-6	MCPA		--	ND [0.086]	ND [0.083]	ND [0.088]
SW8151A	mg/kg	93-65-2	MCPP		--	ND [0.086]	ND [0.083]	ND [0.088]
SW8151A	mg/kg	87-86-5	Pentachlorophenol	0.0043	--	**ND [0.13]**	**ND [0.13]**	**ND [0.13]**
SW8151A	mg/kg	93-72-1	Trichlorophenoxypropionic acid, -2,4,5	0.55	--	ND [0.086]	ND [0.083]	ND [0.088]
SW8260C	mg/kg	630-20-6	1,1,1,2-Tetrachloroethane	0.022	--	ND [0.0061]	ND [0.0072]	ND [0.0059]
SW8260C	mg/kg	71-55-6	1,1,1-Trichloroethane	32	--	ND [0.0031]	ND [0.0036]	ND [0.0029]
SW8260C	mg/kg	75-34-3	1,1-Dichloroethane	0.092	--	ND [0.0031]	ND [0.0036]	ND [0.0029]
SW8260C	mg/kg	75-35-4	1,1-Dichloroethene	1.2	--	ND [0.0061]	ND [0.0072]	ND [0.0059]
SW8260C	mg/kg	563-58-6	1,1-Dichloropropene		--	ND [0.0061]	ND [0.0072]	ND [0.0059]
SW8260C	mg/kg	87-61-6	1,2,3-Trichlorobenzene	0.15	--	ND [0.0061]	ND [0.0072]	ND [0.0059]
SW8260C	mg/kg	96-18-4	1,2,3-Trichloropropane	0.000031	--	**ND [0.0061]**	**ND [0.0072]**	**ND [0.0059]**
SW8260C	mg/kg	120-82-1	1,2,4-Trichlorobenzene	0.082	--	ND [0.0031]	ND [0.0036]	ND [0.0029]
SW8260C	mg/kg	95-63-6	1,2,4-Trimethylbenzene	0.61	--	ND [0.0031]	ND [0.0036]	ND [0.0029]
SW8260C	mg/kg	156-59-2	1,2-cis-Dichloroethylene	0.12	--	ND [0.012]	ND [0.014]	ND [0.012]
SW8260C	mg/kg	96-12-8	1,2-Dibromo-3-chloropropane		--	ND [0.012]	ND [0.014]	ND [0.012]
SW8260C	mg/kg	95-50-1	1,2-Dichlorobenzene	2.4	--	ND [0.0031]	ND [0.0036]	ND [0.0029]
SW8260C	mg/kg	78-87-5	1,2-Dichloropropane	0.03	--	ND [0.0061]	ND [0.0072]	ND [0.0059]
SW8260C	mg/kg	156-60-5	1,2-trans-Dichloroethylene	1.3	--	ND [0.0061]	ND [0.0072]	ND [0.0059]
SW8260C	mg/kg	108-67-8	1,3,5-Trimethylbenzene	0.66	--	ND [0.0031]	ND [0.0036]	ND [0.0029]
SW8260C	mg/kg	541-73-1	1,3-Dichlorobenzene	2.3	--	ND [0.0031]	ND [0.0036]	ND [0.0029]
SW8260C	mg/kg	142-28-9	1,3-Dichloropropane		--	ND [0.0031]	ND [0.0036]	ND [0.0029]
SW8260C	mg/kg	106-46-7	1,4-Dichlorobenzene	0.037	--	ND [0.0031]	ND [0.0036]	ND [0.0029]
SW8260C	mg/kg	594-20-7	2,2-Dichloropropane		--	ND [0.0061]	ND [0.0072]	ND [0.0059]
SW8260C	mg/kg	78-93-3	2-Butanone	15	--	ND [0.031]	ND [0.036]	ND [0.029]

[1] 18 AAC 75 Table B MTG or U40 HH (10/2018)

[2] One-tenth 18 AAC 75 Table B U40 HH (10/2018)

Flags and acronyms defined at end of tables

LOD shown in brackets

				Sample ID	18-NLF-WS-08-S01	18-NLF-WS-09-S01	18-NLF-WS-10-S01	18-NLF-WS-11-S01
				Location ID	9cy NLF-S-008	55gal NLF-S-009	55gal NLF-S-010	55gal NLF-S-011
				Sample Date/Time	7/25/2018	7/28/2018	7/28/2018	7/28/2018
				Sample Delivery Group	320415601	320416481	320416481	320416481
				Matrix	Soil	Soil	Soil	Soil
					Waste	Waste	Waste	Waste
				Sample Type	Characterization	Characterization	Characterization	Characterization
Method	Units	CAS ID	Analyte	PAL[1]				
SW8260C	mg/kg	95-49-8	2-Chlorotoluene		--	ND [0.0031]	ND [0.0036]	ND [0.0029]
SW8260C	mg/kg	591-78-6	2-Hexanone	0.11	--	ND [0.012]	ND [0.014]	ND [0.012]
SW8260C	mg/kg	106-43-4	4-Chlorotoluene		--	ND [0.0031]	ND [0.0036]	ND [0.0029]
SW8260C	mg/kg	99-87-6	4-Isopropyltoluene		--	ND [0.0031]	ND [0.0036]	ND [0.0029]
SW8260C	mg/kg	108-10-1	4-Methyl-2-pentanone	18	--	ND [0.0031]	ND [0.0036]	ND [0.0029]
SW8260C	mg/kg	67-64-1	Acetone	38	--	ND [0.041]	0.04 [0.048] J	0.027 [0.039] J
SW8260C	mg/kg	71-43-2	Benzene	0.022	--	ND [0.0031]	ND [0.0036]	ND [0.0029]
SW8260C	mg/kg	108-86-1	Bromobenzene	0.36	--	ND [0.0061]	ND [0.0072]	ND [0.0059]
SW8260C	mg/kg	74-97-5	Bromochloromethane		--	ND [0.012]	ND [0.014]	ND [0.012]
SW8260C	mg/kg	75-25-2	Bromoform	0.1	--	ND [0.012]	ND [0.014]	ND [0.012]
SW8260C	mg/kg	75-15-0	Carbon disulfide	2.9	--	ND [0.0031]	ND [0.0036]	ND [0.0029]
SW8260C	mg/kg	56-23-5	Carbon tetrachloride	0.021	--	ND [0.0031]	ND [0.0036]	ND [0.0029]
SW8260C	mg/kg	108-90-7	Chlorobenzene	0.46	--	ND [0.0061]	ND [0.0072]	ND [0.0059]
SW8260C	mg/kg	75-00-3	Chloroethane	72	--	ND [0.012]	ND [0.014]	ND [0.012]
SW8260C	mg/kg	74-87-3	Chloromethane	0.61	--	ND [0.0031]	ND [0.0036]	ND [0.0029]
SW8260C	mg/kg	10061-01-5	cis-1,3-Dichloropropene		--	ND [0.0061]	ND [0.0072]	ND [0.0059]
SW8260C	mg/kg	98-82-8	Cumene	5.6	--	ND [0.0031]	ND [0.0036]	ND [0.0029]
SW8260C	mg/kg	110-82-7	Cyclohexane	77	--	ND [0.02]	ND [0.024]	ND [0.02]
SW8260C	mg/kg	74-95-3	Dibromomethane	0.025	--	ND [0.0061]	ND [0.0072]	ND [0.0059]
SW8260C	mg/kg	75-71-8	Dichlorodifluoromethane (Freon 12)	3.9	--	ND [0.012]	ND [0.014]	ND [0.012]
SW8260C	mg/kg	100-41-4	Ethylbenzene	0.13	--	ND [0.0061]	ND [0.0072]	ND [0.0059]
SW8260C	mg/kg	87-68-3	Hexachlorobutadiene	0.02	--	ND [0.0061]	ND [0.0072]	ND [0.0059]
SW8260C	mg/kg	75-09-2	Methylene chloride	0.33	--	ND [0.0061]	ND [0.0072]	ND [0.0059]
SW8260C	mg/kg	1634-04-4	Methyl-tert-butyl ether (MTBE)	0.4	--	ND [0.0031]	ND [0.0036]	ND [0.0029]
SW8260C	mg/kg	179601-23-1	m-Xylene & p-Xylene		--	0.0031 [0.0061] J	0.0030 [0.0072] J	0.0025 [0.0059] J
SW8260C	mg/kg	91-20-3	Naphthalene	0.038	--	ND [0.0031]	ND [0.0036]	ND [0.0029]
SW8260C	mg/kg	104-51-8	n-Butylbenzene	20	--	ND [0.0031]	ND [0.0036]	ND [0.0029]
SW8260C	mg/kg	103-65-1	n-Propylbenzene	9.1	--	ND [0.0061]	ND [0.0072]	ND [0.0059]
SW8260C	mg/kg	95-47-6	o-Xylene		--	0.0028 [0.0061] J	ND [0.0072]	ND [0.0059]
SW8260C	mg/kg	135-98-8	sec-Butylbenzene	28	--	ND [0.0031]	ND [0.0036]	ND [0.0029]
SW8260C	mg/kg	100-42-5	Styrene	10	--	ND [0.0031]	ND [0.0036]	ND [0.0029]
SW8260C	mg/kg	98-06-6	tert-Butylbenzene	11	--	ND [0.0061]	ND [0.0072]	ND [0.0059]
SW8260C	mg/kg	127-18-4	Tetrachloroethene (PCE)	0.19	--	0.021 [0.0061]	0.0067 [0.0072] J	0.0056 [0.0059] J
SW8260C	mg/kg	108-88-3	Toluene	6.7	--	0.0053 [0.0061] J	0.0059 [0.0072] J	ND [0.0059]
SW8260C	mg/kg	10061-02-6	trans-1,3-Dichloropropene		--	ND [0.0031]	ND [0.0036]	ND [0.0029]
SW8260C	mg/kg	75-69-4	Trichlorofluoromethane (Freon 11)	41	--	ND [0.012]	ND [0.014]	ND [0.012]
SW8260C	mg/kg	1330-20-7	Xylenes	1.5	--	0.0059 [0.0122]	0.0102 [0.0144]	0.0084 [0.0118]

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[2] One-tenth 18 AAC 75 Table B U40 HH (10/2018)
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				Sample ID	18-NLF-WS-08-S01	18-NLF-WS-09-S01	18-NLF-WS-10-S01	18-NLF-WS-11-S01
				Location ID	9cy NLF-S-008	55gal NLF-S-009	55gal NLF-S-010	55gal NLF-S-011
				Sample Date/Time	7/25/2018	7/28/2018	7/28/2018	7/28/2018
				Sample Delivery Group	320415601	320416481	320416481	320416481
				Matrix	Soil	Soil	Soil	Soil
					Waste	Waste	Waste	Waste
				Sample Type	Characterization	Characterization	Characterization	Characterization
Method	Units	CAS ID	Analyte	PAL[1]				
SW8260C SIM	mg/kg	79-34-5	1,1,2,2-Tetrachloroethane	0.003	--	ND [0.00082]	ND [0.00096]	ND [0.00078]
SW8260C SIM	mg/kg	79-00-5	1,1,2-Trichloroethane	0.0014	--	ND [0.00082]	ND [0.00096]	ND [0.00078]
SW8260C SIM	mg/kg	106-93-4	1,2-Dibromoethane	0.00024	--	**ND [0.00041]**	**ND [0.00048]**	**ND [0.00039]**
SW8260C SIM	mg/kg	107-06-2	1,2-Dichloroethane	0.0055	--	ND [0.00041]	ND [0.00048]	0.00080 [0.00039] J
SW8260C SIM	mg/kg	75-27-4	Bromodichloromethane	0.0043	--	ND [0.00041]	ND [0.00048]	ND [0.00039]
SW8260C SIM	mg/kg	74-83-9	Bromomethane	0.024	--	ND [0.0016]	ND [0.0019]	ND [0.0016]
SW8260C SIM	mg/kg	67-66-3	Chloroform	0.0071	--	ND [0.0016]	ND [0.0019]	ND [0.0016]
SW8260C SIM	mg/kg	124-48-1	Dibromochloromethane	0.0027	--	ND [0.00041]	ND [0.00048]	ND [0.00039]
SW8260C SIM	mg/kg	79-01-6	Trichloroethene (TCE)	0.011	--	**0.014 [0.00041]**	0.0045 [0.00048]	0.0084 [0.00039]
SW8260C SIM	mg/kg	75-01-4	Vinyl Chloride	0.0008	--	**ND [0.00082]**	**ND [0.00096]**	ND [0.00078]
SW8270D	mg/kg	120-82-1	1,2,4-Trichlorobenzene	0.082	--	ND [0.0028]	ND [0.0027]	ND [0.0027]
SW8270D	mg/kg	95-50-1	1,2-Dichlorobenzene	2.4	--	ND [0.0028]	ND [0.0027]	ND [0.0027]
SW8270D	mg/kg	541-73-1	1,3-Dichlorobenzene	2.3	--	ND [0.0028]	ND [0.0027]	ND [0.0027]
SW8270D	mg/kg	106-46-7	1,4-Dichlorobenzene	0.037	--	ND [0.0028]	ND [0.0027]	ND [0.0027]
SW8270D	mg/kg	90-12-0	1-Methylnaphthalene	0.41	--	ND [0.0028]	ND [0.0027]	ND [0.0027]
SW8270D	mg/kg	95-95-4	2,4,5-Trichlorophenol	28	--	ND [0.028]	ND [0.027]	ND [0.027]
SW8270D	mg/kg	88-06-2	2,4,6-Trichlorophenol	0.092	--	ND [0.0028]	ND [0.0027]	ND [0.0027]
SW8270D	mg/kg	120-83-2	2,4-Dichlorophenol	0.21	--	ND [0.0028]	ND [0.0027]	ND [0.0027]
SW8270D	mg/kg	105-67-9	2,4-Dimethylphenol	3.2	--	ND [0.0056]	ND [0.0054]	ND [0.0054]
SW8270D	mg/kg	51-28-5	2,4-Dinitrophenol	0.34	--	ND [0.22]	ND [0.21]	ND [0.22]
SW8270D	mg/kg	121-14-2	2,4-Dinitrotoluene	0.024	--	ND [0.0028]	ND [0.0027]	ND [0.0027]
SW8270D	mg/kg	606-20-2	2,6-Dinitrotoluene	0.005	--	ND [0.0028]	ND [0.0027]	ND [0.0027]
SW8270D	mg/kg	95-57-8	2-Chlorophenol	0.71	--	ND [0.0028]	ND [0.0027]	ND [0.0027]
SW8270D	mg/kg	91-57-6	2-Methylnaphthalene	1.3	--	ND [0.0028]	ND [0.0027]	ND [0.0027]
SW8270D	mg/kg	88-75-5	2-Nitrophenol		--	ND [0.0028]	ND [0.0027]	ND [0.0027]
SW8270D	mg/kg	15831-10-4	3 & 4 METHYLPHENOL		--	ND [0.0028]	ND [0.0027]	ND [0.0027]
SW8270D	mg/kg	91-94-1	3,3'-Dichlorobenzidine	0.056	--	**ND [0.056]**	ND [0.054]	ND [0.054]
SW8270D	mg/kg	99-09-2	3-Nitroaniline		--	ND [0.028]	ND [0.027]	ND [0.027]
SW8270D	mg/kg	101-55-3	4-Bromophenyl-phenylether		--	ND [0.028]	ND [0.027]	ND [0.027]
SW8270D	mg/kg	7005-72-3	4-Chlorophenyl-phenylether		--	ND [0.0028]	ND [0.0027]	ND [0.0027]
SW8270D	mg/kg	100-02-7	4-Nitrophenol		--	ND [0.056]	ND [0.054]	ND [0.054]
SW8270D	mg/kg	83-32-9	Acenaphthene	37	--	ND [0.0028]	ND [0.0027]	ND [0.0027]
SW8270D	mg/kg	208-96-8	Acenaphthylene	18	--	ND [0.0028]	ND [0.0027]	ND [0.0027]
SW8270D	mg/kg	120-12-7	Anthracene	390	--	0.0027 [0.0028] J	ND [0.0027]	ND [0.0027]
SW8270D	mg/kg	56-55-3	Benz[a]anthracene	0.7	--	0.0053 [0.0028] J	0.0014 [0.0027] J	ND [0.0027]
SW8270D	mg/kg	50-32-8	Benzo(a)pyrene	1.5	--	ND [0.0056]	ND [0.0054]	ND [0.0054]
SW8270D	mg/kg	205-99-2	Benzo(b)fluoranthene	15	--	0.0053 [0.0028] J	0.0013 [0.0027] J	ND [0.0027]
SW8270D	mg/kg	207-08-9	Benzo(k)fluoranthene	150	--	0.0025 [0.0056] J	ND [0.0054]	ND [0.0054]
SW8270D	mg/kg	191-24-2	Benzo[g,h,i]perylene	2300	--	ND [0.028]	ND [0.027]	ND [0.027]
SW8270D	mg/kg	100-51-6	Benzyl Alcohol	5.7	--	ND [0.056]	ND [0.054]	ND [0.054]

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LOD shown in brackets

				Sample ID	18-NLF-WS-08-S01	18-NLF-WS-09-S01	18-NLF-WS-10-S01	18-NLF-WS-11-S01
				Location ID	9cy NLF-S-008	55gal NLF-S-009	55gal NLF-S-010	55gal NLF-S-011
				Sample Date/Time	7/25/2018	7/28/2018	7/28/2018	7/28/2018
				Sample Delivery Group	320415601	320416481	320416481	320416481
				Matrix	Soil	Soil	Soil	Soil
				Sample Type	Waste Characterization	Waste Characterization	Waste Characterization	Waste Characterization
Method	Units	CAS ID	Analyte	PAL[1]				
SW8270D	mg/kg	91-58-7	Beta-Chloronaphthalene	26	--	ND [0.0028]	ND [0.0027]	ND [0.0027]
SW8270D	mg/kg	108-60-1	Bis(2-chloro-1-methylethyl) ether		--	ND [0.0056]	ND [0.0054]	ND [0.0054]
SW8270D	mg/kg	111-91-1	Bis(2-chloroethoxy)methane		--	ND [0.0028]	ND [0.0027]	ND [0.0027]
SW8270D	mg/kg	117-81-7	Bis(2-ethylhexyl)phthalate	88	--	0.029 [0.056] J	0.034 [0.054] J	0.027 [0.054] J
SW8270D	mg/kg	85-68-7	Butyl Benzyl Phthalate	16	--	ND [0.028]	ND [0.027]	ND [0.027]
SW8270D	mg/kg	86-74-8	Carbazole		--	ND [0.0028]	ND [0.0027]	ND [0.0027]
SW8270D	mg/kg	218-01-9	Chrysene	600	--	0.0064 [0.0028] J	0.0018 [0.0027] J	ND [0.0027]
SW8270D	mg/kg	59-50-7	Cresol, p-chloro-m-		--	ND [0.0028]	ND [0.0027]	ND [0.0027]
SW8270D	mg/kg	53-70-3	Dibenz[a,h]anthracene	1.5	--	ND [0.0056]	ND [0.0054]	ND [0.0054]
SW8270D	mg/kg	132-64-9	Dibenzofuran	0.97	--	ND [0.0028]	ND [0.0027]	ND [0.0027]
SW8270D	mg/kg	84-74-2	Dibutyl Phthalate	16	--	ND [0.028]	ND [0.027]	ND [0.027]
SW8270D	mg/kg	84-66-2	Diethyl Phthalate	60	--	ND [0.0028]	ND [0.0027]	ND [0.0027]
SW8270D	mg/kg	131-11-3	Dimethylphthalate	48	--	ND [0.0028]	ND [0.0027]	ND [0.0027]
SW8270D	mg/kg	534-52-1	Dinitro-o-cresol, 4,6-		--	ND [0.22]	ND [0.21]	ND [0.22]
SW8270D	mg/kg	117-84-0	di-N-Octyl Phthalate	370	--	ND [0.0056]	ND [0.0054]	ND [0.0054]
SW8270D	mg/kg	206-44-0	Fluoranthene	590	--	0.013 [0.0028] J	0.0032 [0.0027] J	ND [0.0027]
SW8270D	mg/kg	86-73-7	Fluorene	36	--	ND [0.0028]	ND [0.0027]	ND [0.0027]
SW8270D	mg/kg	87-68-3	Hexachlorobutadiene	0.02	--	ND [0.0028]	ND [0.0027]	ND [0.0027]
SW8270D	mg/kg	67-72-1	Hexachloroethane	0.018	--	ND [0.0028]	ND [0.0027]	ND [0.0027]
SW8270D	mg/kg	193-39-5	Indeno(1,2,3-cd)pyrene	15	--	ND [0.0056]	ND [0.0054]	ND [0.0054]
SW8270D	mg/kg	78-59-1	Isophorone	2.7	--	ND [0.0028]	ND [0.0027]	ND [0.0027]
SW8270D	mg/kg	91-20-3	Naphthalene	0.038	--	ND [0.0028]	ND [0.0027]	ND [0.0027]
SW8270D	mg/kg	88-74-4	Nitroaniline, 2-		--	ND [0.0028]	ND [0.0027]	ND [0.0027]
SW8270D	mg/kg	100-01-6	Nitroaniline, 4-		--	ND [0.0028]	ND [0.0027]	ND [0.0027]
SW8270D	mg/kg	98-95-3	Nitrobenzene	0.0079	--	ND [0.0028]	ND [0.0027]	ND [0.0027]
SW8270D	mg/kg	62-75-9	N-Nitrosodimethylamine	0.0000033	--	**ND [0.028]**	**ND [0.027]**	**ND [0.027]**
SW8270D	mg/kg	86-30-6	N-Nitrosodiphenylamine	4.6	--	ND [0.0056]	ND [0.0054]	ND [0.0054]
SW8270D	mg/kg	95-48-7	o-Cresol	6.2	--	ND [0.0028]	ND [0.0027]	ND [0.0027]
SW8270D	mg/kg	106-47-8	p-Chloroaniline	0.015	--	**ND [0.028]**	**ND [0.027]**	**ND [0.027]**
SW8270D	mg/kg	85-01-8	Phenanthrene	39	--	0.014 [0.0028] J	0.0034 [0.0027] J	ND [0.0027]
SW8270D	mg/kg	108-95-2	Phenol	29	--	ND [0.028]	ND [0.027]	ND [0.027]
SW8270D	mg/kg	129-00-0	Pyrene	87	--	0.014 [0.0056] J	0.0033 [0.0054] J	ND [0.0054]

[1] 18 AAC 75 Table B MTG or U40 HH (10/2018)
[2] One-tenth 18 AAC 75 Table B U40 HH (10/2018)
Flags and acronyms defined at end of tables
LOD shown in brackets

				Sample ID	18-NLF-WS-08-S01	18-NLF-WS-09-S01	18-NLF-WS-10-S01	18-NLF-WS-11-S01
				Location ID	9cy NLF-S-008	55gal NLF-S-009	55gal NLF-S-010	55gal NLF-S-011
				Sample Date/Time	7/25/2018	7/28/2018	7/28/2018	7/28/2018
				Sample Delivery Group	320415601	320416481	320416481	320416481
				Matrix	Soil	Soil	Soil	Soil
				Sample Type	Waste Characterization	Waste Characterization	Waste Characterization	Waste Characterization
Method	Units	CAS ID	Analyte	PAL[1]				
SW8270D SIM	mg/kg	90-12-0	1-Methylnaphthalene	0.41	--	ND [0.0012]	ND [0.0011]	ND [0.0010]
SW8270D SIM	mg/kg	91-57-6	2-Methylnaphthalene	1.3	--	ND [0.0012]	ND [0.0011]	ND [0.0010]
SW8270D SIM	mg/kg	83-32-9	Acenaphthene	37	--	0.0018 [0.0012] J	ND [0.0011]	ND [0.0010]
SW8270D SIM	mg/kg	208-96-8	Acenaphthylene	18	--	ND [0.0012]	ND [0.0011]	ND [0.0010]
SW8270D SIM	mg/kg	120-12-7	Anthracene	390	--	0.0036 [0.0012] J	ND [0.0011]	ND [0.0010]
SW8270D SIM	mg/kg	56-55-3	Benz[a]anthracene	0.7	--	0.0069 [0.0012]	0.0016 [0.0011] J	ND [0.0010]
SW8270D SIM	mg/kg	50-32-8	Benzo(a)pyrene	1.5	--	0.0055 [0.0012] J	0.0013 [0.0011] J	ND [0.0010]
SW8270D SIM	mg/kg	205-99-2	Benzo(b)fluoranthene	15	--	0.0063 [0.0024]	0.0017 [0.0022] J	ND [0.0021]
SW8270D SIM	mg/kg	207-08-9	Benzo(k)fluoranthene	150	--	0.0028 [0.0024] J	ND [0.0022]	ND [0.0021]
SW8270D SIM	mg/kg	191-24-2	Benzo[g,h,i]perylene	2300	--	0.0034 [0.0035] J	ND [0.0032]	ND [0.0031]
SW8270D SIM	mg/kg	111-44-4	Bis(2-chloroethyl)ether	0.00042	--	**ND [0.0026]**	**ND [0.0028]**	**ND [0.0028]**
SW8270D SIM	mg/kg	218-01-9	Chrysene	600	--	0.0089 [0.0012]	0.0024 [0.0011] J	0.00075 [0.0010] J
SW8270D SIM	mg/kg	53-70-3	Dibenz[a,h]anthracene	1.5	--	ND [0.0035]	ND [0.0032]	ND [0.0031]
SW8270D SIM	mg/kg	206-44-0	Fluoranthene	590	--	0.016 [0.0012]	0.0033 [0.0011] J	ND [0.0010]
SW8270D SIM	mg/kg	86-73-7	Fluorene	36	--	0.0014 [0.0012] J	ND [0.0011]	ND [0.0010]
SW8270D SIM	mg/kg	118-74-1	Hexachlorobenzene	0.0082	--	ND [0.0026]	ND [0.0028]	ND [0.0028]
SW8270D SIM	mg/kg	77-47-4	Hexachlorocyclopentadiene	0.0093	--	ND [0.0013]	ND [0.0014]	ND [0.0014]
SW8270D SIM	mg/kg	193-39-5	Indeno(1,2,3-cd)pyrene	15	--	0.0034 [0.0012] J	ND [0.0011]	ND [0.0010]
SW8270D SIM	mg/kg	91-20-3	Naphthalene	0.038	--	ND [0.0012]	0.0012 [0.0011] J	0.00036 [0.0010] J
SW8270D SIM	mg/kg	621-64-7	N-Nitroso-di-N-propylamine	0.00068	--	**ND [0.0026]**	**ND [0.0028]**	**ND [0.0028]**
SW8270D SIM	mg/kg	87-86-5	Pentachlorophenol	0.0043	--	**ND [0.0052]**	**ND [0.0055]**	**ND [0.0056]**
SW8270D SIM	mg/kg	85-01-8	Phenanthrene	39	--	0.018 [0.0012]	0.0041 [0.0011] J	0.0012 [0.0010] J
SW8270D SIM	mg/kg	129-00-0	Pyrene	87	--	0.016 [0.0012]	0.0033 [0.0011] J	ND [0.0010]

[1] 18 AAC 75 Table B MTG or U40 HH (10/2018)
[2] One-tenth 18 AAC 75 Table B U40 HH (10/2018)
Flags and acronyms defined at end of tables
LOD shown in brackets

				Sample ID	18-NLF-WS-02-L01	18-NLF-WS-01-L01	18-NLF-WS-03-L01
				Location ID	55gal NLF-L-002	55gal NLF-L-001	55gal NLF-L-003
				Sample Date/Time	7/28/2018	7/29/2018	7/29/2018
				Sample Delivery Group	320416351, FA56389, JC71220	320416591, FA56389, JC71220	320416481, FA56389, JC71220
				Matrix	Water	Water	Water
				Sample Type	Waste Characterization	Waste Characterization	Waste Characterization
				Parent Sample			
Method	Units	CAS ID	Analyte	PAL[1]			
AK101	ug/L	GRO	Gas Range Organics	2200	26 [25] J	22 [25] J	18 [25] J
AK102	ug/L	DRO	Diesel Range Organics	1500	180 [130]	900 [120]	270 [120]
AK103	ug/L	RRO	Residual Range Organics	1100	330 [310] J	400 [310] J	310 [310] J
E218.7	ug/L	18540-29-9	Chromium (VI)	0.35	0.047 [0.025]	0.051 [0.025]	0.23 [0.025]
SW6020A	ug/L	7440-38-2	Arsenic	0.52	**67 [0.40]**	**29 [0.40]**	**72 [0.40]**
SW6020A	ug/L	7440-39-3	Barium	3800	760 [0.40]	250 [0.40]	540 [0.40]
SW6020A	ug/L	7440-43-9	Cadmium	9.2	0.93 [0.30]	1.0 [0.30]	0.78 [0.30]
SW6020A	ug/L	7440-47-3	Chromium	NA	130 [0.30]	43 [0.30]	82 [0.30]
SW6020A	ug/L	7439-92-1	Lead	15	**69 [0.60]**	**22 [0.60]**	**44 [0.60]**
SW6020A	ug/L	7440-02-0	Nickel	390	120 [0.30]	62 [0.30]	96 [0.30]
SW6020A	ug/L	7782-49-2	Selenium	100	8.5 [6.0]	4.2 [6.0] J	6.1 [6.0] J
SW6020A	ug/L	7440-22-4	Silver	94	0.27 [0.070] J	0.11 [0.070] J	0.26 [0.070] J
SW6020A	ug/L	7440-62-2	Vanadium	86	**520 [1.0]**	**190 [1.0]**	**370 [1.0]**
SW7470A	ug/L	7439-97-6	Mercury	0.52	ND [0.20]	ND [0.20]	ND [0.20]
SW8011	ug/L	96-18-4	1,2,3-Trichloropropane	0.0075	**ND [0.017]**	**ND [0.017]**	**ND [0.017]**
SW8011	ug/L	106-93-4	1,2-Dibromoethane	0.075	ND [0.0057]	ND [0.0057]	ND [0.0057]
SW8081B	ug/L	309-00-2	Aldrin	0.0092	ND [0.0061]	ND [0.0063]	ND [0.0062]
SW8081B	ug/L	319-84-6	Alpha-Hexachlorocyclohexane	0.072	ND [0.013]	ND [0.013]	ND [0.013]
SW8081B	ug/L	319-85-7	Beta-Hexachlorocyclohexane	0.25	ND [0.013]	ND [0.013]	ND [0.013]
SW8081B	ug/L	12789-03-6	Chlordane	0.20	**ND [0.38]**	**ND [0.39]**	**ND [0.39]**
SW8081B	ug/L	5103-71-9	CIS-CHLORDANE	NA	ND [0.0061]	ND [0.0063]	ND [0.0062]
SW8081B	ug/L	72-54-8	DDD	0.060	ND [0.013]	ND [0.013]	ND [0.013]
SW8081B	ug/L	50-29-3	DDT	2.3	ND [0.013]	ND [0.013]	ND [0.013]
SW8081B	ug/L	319-86-8	DELTA-BHC	NA	ND [0.013]	ND [0.013]	ND [0.013]
SW8081B	ug/L	60-57-1	Dieldrin	0.018	ND [0.013]	ND [0.013]	ND [0.013]
SW8081B	ug/L	115-29-7	Endosulfan (I + II)	100	ND [0.0191]	ND [0.0193]	ND [0.0192]
SW8081B	ug/L	959-98-8	ENDOSULFAN I	NA	ND [0.0061]	ND [0.0063]	ND [0.0062]
SW8081B	ug/L	33213-65-9	ENDOSULFAN II	NA	ND [0.013]	ND [0.013]	ND [0.013]
SW8081B	ug/L	1031-07-8	ENDOSULFAN SULFATE	NA	ND [0.013]	ND [0.013]	ND [0.013]
SW8081B	ug/L	72-20-8	Endrin	2.3	ND [0.013]	ND [0.013]	ND [0.013]
SW8081B	ug/L	7421-93-4	ENDRIN ALDEHYDE	NA	ND [0.041]	ND [0.042]	ND [0.041]
SW8081B	ug/L	53494-70-5	ENDRIN KETONE	NA	ND [0.041]	ND [0.042]	ND [0.041]
SW8081B	ug/L	58-89-9	Gamma- (Lindane)Hexachlorocyclohexane	0.42	ND [0.0061]	ND [0.0063]	ND [0.0062]
SW8081B	ug/L	76-44-8	Heptachlor	0.014	0.013 [0.013] J	ND [0.013]	**0.020 [0.013] J**
SW8081B	ug/L	1024-57-3	Heptachlor Epoxide	0.014	ND [0.0061]	ND [0.0063]	ND [0.0062]
SW8081B	ug/L	72-43-5	Methoxychlor	37	ND [0.041]	ND [0.042]	ND [0.041]
SW8081B	ug/L	72-55-9	p,p'-DDE	0.46	ND [0.013]	ND [0.013]	ND [0.013]
SW8081B	ug/L	8001-35-2	Toxaphene	0.71	ND [0.51]	ND [0.52]	ND [0.52]
SW8081B	ug/L	5103-74-2	TRANS-CHLORDANE	NA	ND [0.013]	ND [0.013]	ND [0.013]
SW8082A	ug/L	12674-11-2	Aroclor 1016	NA	ND [0.13]	ND [0.13]	ND [0.13]
SW8082A	ug/L	11104-28-2	Aroclor 1221	NA	ND [0.41]	ND [0.42]	ND [0.41]
SW8082A	ug/L	11141-16-5	Aroclor 1232	NA	ND [0.13]	ND [0.13]	ND [0.13]
SW8082A	ug/L	53469-21-9	Aroclor 1242	NA	ND [0.25]	ND [0.26]	ND [0.26]
SW8082A	ug/L	12672-29-6	Aroclor 1248	NA	ND [0.25]	ND [0.26]	ND [0.26]
SW8082A	ug/L	11097-69-1	Aroclor 1254	NA	ND [0.25]	ND [0.26]	ND [0.26]
SW8082A	ug/L	11096-82-5	Aroclor 1260	NA	ND [0.13]	ND [0.13]	ND [0.13]
SW8082A	ug/L	PCBS	PCBS	NA	ND [1.55]	ND [1.59]	ND [1.58]
SW8151	ug/L	93-76-5	2,4,5-Trichlorophenoxyacetic Acid	160	ND [0.024]	ND [0.024]	ND [0.024]
SW8151	ug/L	94-75-7	2,4-Dichlorophenoxy Acetic Acid	170	ND [0.24]	ND [0.24]	ND [0.24]
SW8151	ug/L	94-82-6	Butanoic acid, 4-(2,4-dichlorophenoxy)-	NA	ND [0.24]	ND [0.24]	ND [0.24]
SW8151	ug/L	75-99-0	Dalapon	NA	ND [0.6]	ND [0.6]	ND [0.6]
SW8151	ug/L	1918-00-9	Dicamba	NA	ND [0.024]	ND [0.024]	ND [0.024]
SW8151	ug/L	120-36-5	Dichlorprop	NA	ND [0.24]	ND [0.24]	ND [0.24]
SW8151	ug/L	88-85-7	Dinoseb	NA	ND [0.48]	ND [0.48]	ND [0.48]
SW8151	ug/L	94-74-6	MCPA	NA	ND [36]	ND [36]	ND [36]
SW8151	ug/L	93-65-2	MCPP	NA	ND [24]	ND [24]	ND [24]
SW8151	ug/L	87-86-5	Pentachlorophenol	0.41	ND [0.024]	ND [0.024]	ND [0.024]
SW8151	ug/L	93-72-1	Trichlorophenoxypropionic acid, -2,4,5	110	ND [0.024]	ND [0.024]	ND [0.024]
SW8260C	ug/L	630-20-6	1,1,1,2-Tetrachloroethane	5.7	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	71-55-6	1,1,1-Trichloroethane	8000	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	79-34-5	1,1,2,2-Tetrachloroethane	0.76	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	75-34-3	1,1-Dichloroethane	28	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	75-35-4	1,1-Dichloroethene	280	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	563-58-6	1,1-Dichloropropene	NA	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	87-61-6	1,2,3-Trichlorobenzene	7.0	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	96-18-4	1,2,3-Trichloropropane	0.0075	**ND [0.40]**	**ND [0.40]**	**ND [0.40]**
SW8260C	ug/L	120-82-1	1,2,4-Trichlorobenzene	4.0	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	95-63-6	1,2,4-Trimethylbenzene	56	ND [0.40]	0.16 [0.40] J	ND [0.40]
SW8260C	ug/L	156-59-2	1,2-cis-Dichloroethylene	36	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	96-12-8	1,2-Dibromo-3-chloropropane	NA	ND [0.80]	ND [0.80]	ND [0.80]
SW8260C	ug/L	95-50-1	1,2-Dichlorobenzene	300	ND [0.40]	ND [0.40]	ND [0.40]

[1] 18 AAC 75 Table C GW (Oct 2018)

[2] One-tenth 18 AAC 75 Table C GW (Oct 2018)

CRSL - Cumulative Risk Screening Level

Data flags defined at end of tables

Limit of Detection shown in brackets

PAL - Project Action Limit

				Sample ID	18-NLF-WS-02-L01	18-NLF-WS-01-L01	18-NLF-WS-03-L01
				Location ID	55gal NLF-L-002	55gal NLF-L-001	55gal NLF-L-003
				Sample Date/Time	7/28/2018	7/29/2018	7/29/2018
				Sample Delivery Group	320416351, FA56389, JC71220	320416591, FA56389, JC71220	320416481, FA56389, JC71220
				Matrix	Water	Water	Water
				Sample Type	Waste Characterization	Waste Characterization	Waste Characterization
				Parent Sample			
Method	Units	CAS ID	Analyte	PAL[1]			
SW8260C	ug/L	107-06-2	1,2-Dichloroethane	1.7	ND [0.50]	ND [0.50]	ND [0.50]
SW8260C	ug/L	78-87-5	1,2-Dichloropropane	8.2	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	156-60-5	1,2-trans-Dichloroethylene	360	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	108-67-8	1,3,5-Trimethylbenzene	60	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	541-73-1	1,3-Dichlorobenzene	300	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	142-28-9	1,3-Dichloropropane	NA	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	106-46-7	1,4-Dichlorobenzene	4.8	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	594-20-7	2,2-Dichloropropane	NA	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	78-93-3	2-Butanone	5600	2.1 [0.80]	ND [0.80]	1.1 [0.80] J
SW8260C	ug/L	95-49-8	2-Chlorotoluene	NA	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	591-78-6	2-Hexanone	38	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	106-43-4	4-Chlorotoluene	NA	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	99-87-6	4-Isopropyltoluene	NA	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	108-10-1	4-Methyl-2-pentanone	6300	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	67-64-1	Acetone	14000	10 [5.0]	ND [5.0]	16 [5.0]
SW8260C	ug/L	71-43-2	Benzene	4.6	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	108-86-1	Bromobenzene	62	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	74-97-5	Bromochloromethane	NA	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	75-27-4	Bromodichloromethane	1.3	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	75-25-2	Bromoform	33	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	74-83-9	Bromomethane	7.5	ND [0.80]	ND [0.80]	ND [0.80]
SW8260C	ug/L	75-15-0	Carbon disulfide	810	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	56-23-5	Carbon tetrachloride	4.6	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	108-90-7	Chlorobenzene	78	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	75-00-3	Chloroethane	21000	ND [0.80]	ND [0.80]	ND [0.80]
SW8260C	ug/L	67-66-3	Chloroform	2.2	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	74-87-3	Chloromethane	190	ND [0.80]	ND [0.80]	ND [0.80]
SW8260C	ug/L	10061-01-5	cis-1,3-Dichloropropene	NA	ND [0.80]	ND [0.80]	ND [0.80]
SW8260C	ug/L	98-82-8	Cumene	450	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	110-82-7	Cyclohexane	13000	ND [0.80]	ND [0.80]	ND [0.80]
SW8260C	ug/L	124-48-1	Dibromochloromethane	8.7	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	74-95-3	Dibromomethane	8.3	ND [0.80]	ND [0.80]	ND [0.80]
SW8260C	ug/L	75-71-8	Dichlorodifluoromethane (Freon 12)	200	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	100-41-4	Ethylbenzene	15	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	87-68-3	Hexachlorobutadiene	1.4	ND [0.80]	ND [0.80]	ND [0.80]
SW8260C	ug/L	75-09-2	Methylene chloride	110	ND [0.80]	ND [0.80]	ND [0.80]
SW8260C	ug/L	1634-04-4	Methyl-tert-butyl ether (MTBE)	140	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	179601-23-1	m-Xylene & p-Xylene	NA	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	91-20-3	Naphthalene	1.7	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	104-51-8	n-Butylbenzene	1000	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	103-65-1	n-Propylbenzene	660	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	95-47-6	o-Xylene	NA	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	135-98-8	sec-Butylbenzene	2000	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	100-42-5	Styrene	1200	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	98-06-6	tert-Butylbenzene	690	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	127-18-4	Tetrachloroethene (PCE)	41	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	108-88-3	Toluene	1100	ND [0.80]	1.4 [0.80]	ND [0.80]
SW8260C	ug/L	10061-02-6	trans-1,3-Dichloropropene	NA	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	79-01-6	Trichloroethene (TCE)	2.8	ND [0.40]	ND [0.40]	ND [0.40]
SW8260C	ug/L	75-69-4	Trichlorofluoromethane (Freon 11)	5200	ND [0.80]	ND [0.80]	ND [0.80]
SW8260C	ug/L	1330-20-7	Xylenes	190	ND [0.8]	ND [0.8]	ND [0.8]
SW8260C SIM	ug/L	79-00-5	1,1,2-Trichloroethane	0.41	ND [0.040]	ND [0.040]	ND [0.040]
SW8260C SIM	ug/L	106-93-4	1,2-Dibromoethane	0.075	ND [0.040]	ND [0.040]	ND [0.040]
SW8260C SIM	ug/L	75-01-4	Vinyl Chloride	0.19	ND [0.040]	ND [0.040]	ND [0.040]
SW8270D	ug/L	120-82-1	1,2,4-Trichlorobenzene	4.0	ND [0.35]	ND [3.7]	ND [0.36]
SW8270D	ug/L	95-50-1	1,2-Dichlorobenzene	300	ND [0.35]	ND [3.7]	ND [0.36]
SW8270D	ug/L	541-73-1	1,3-Dichlorobenzene	300	ND [0.35]	ND [3.7]	ND [0.36]
SW8270D	ug/L	106-46-7	1,4-Dichlorobenzene	4.8	ND [0.24]	ND [2.5]	ND [0.24]
SW8270D	ug/L	90-12-0	1-Methylnaphthalene	11	ND [0.019]	ND [0.20]	ND [0.019]
SW8270D	ug/L	95-95-4	2,4,5-Trichlorophenol	1200	ND [0.24]	ND [2.5]	ND [0.24]
SW8270D	ug/L	88-06-2	2,4,6-Trichlorophenol	12	ND [0.24]	ND [2.5]	ND [0.24]
SW8270D	ug/L	120-83-2	2,4-Dichlorophenol	46	ND [0.24]	ND [2.5]	ND [0.24]
SW8270D	ug/L	105-67-9	2,4-Dimethylphenol	360	ND [0.24]	ND [2.5]	ND [0.24]
SW8270D	ug/L	51-28-5	2,4-Dinitrophenol	39	ND [4.8]	**ND [49]**	ND [4.8]
SW8270D	ug/L	121-14-2	2,4-Dinitrotoluene	2.4	ND [0.24]	**ND [2.5]**	ND [0.24]
SW8270D	ug/L	606-20-2	2,6-Dinitrotoluene	0.49	ND [0.24]	**ND [2.5]**	ND [0.24]
SW8270D	ug/L	95-57-8	2-Chlorophenol	91	ND [0.24]	ND [2.5]	ND [0.24]
SW8270D	ug/L	91-57-6	2-Methylnaphthalene	36	ND [0.019]	ND [0.20]	ND [0.019]
SW8270D	ug/L	88-75-5	2-Nitrophenol	NA	ND [0.24]	ND [2.5]	ND [0.24]
SW8270D	ug/L	15831-10-4	3 & 4 METHYLPHENOL	NA	ND [0.24]	ND [2.5]	ND [0.24]
SW8270D	ug/L	99-09-2	3-Nitroaniline	NA	ND [0.24]	ND [2.5]	ND [0.24]

[1] 18 AAC 75 Table C GW (Oct 2018)

[2] One-tenth 18 AAC 75 Table C GW (Oct 2018)

CRSL - Cumulative Risk Screening Level

Data flags defined at end of tables

Limit of Detection shown in brackets

PAL - Project Action Limit

			Sample ID	18-NLF-WS-02-L01	18-NLF-WS-01-L01	18-NLF-WS-03-L01
			Location ID	55gal NLF-L-002	55gal NLF-L-001	55gal NLF-L-003
			Sample Date/Time	7/28/2018	7/29/2018	7/29/2018
			Sample Delivery Group	320416351, FA56389, JC71220	320416591, FA56389, JC71220	320416481, FA56389, JC71220
			Matrix	Water	Water	Water
			Sample Type	Waste Characterization	Waste Characterization	Waste Characterization
			Parent Sample			
Method	Units	CAS ID	Analyte	PAL[1]			
SW8270D	ug/L	101-55-3	4-Bromophenyl-phenylether	NA	ND [0.24]	ND [2.5]	ND [0.24]
SW8270D	ug/L	7005-72-3	4-Chlorophenyl-phenylether	NA	ND [0.24]	ND [2.5]	ND [0.24]
SW8270D	ug/L	100-02-7	4-Nitrophenol	NA	ND [0.70]	ND [7.3]	ND [0.72]
SW8270D	ug/L	83-32-9	Acenaphthene	530	ND [0.019]	ND [0.20]	ND [0.019]
SW8270D	ug/L	208-96-8	Acenaphthylene	260	ND [0.038]	ND [0.40]	ND [0.039]
SW8270D	ug/L	120-12-7	Anthracene	43	ND [0.019]	ND [0.20]	ND [0.019]
SW8270D	ug/L	56-55-3	Benz[a]anthracene	0.30	ND [0.019]	ND [0.20]	ND [0.019]
SW8270D	ug/L	205-99-2	Benzo(b)fluoranthene	2.5	ND [0.038]	ND [0.40]	ND [0.039]
SW8270D	ug/L	207-08-9	Benzo(k)fluoranthene	0.8	ND [0.038]	ND [0.40]	ND [0.039]
SW8270D	ug/L	191-24-2	Benzo[g,h,i]perylene	0.26	ND [0.095]	**ND [0.99]**	ND [0.097]
SW8270D	ug/L	100-51-6	Benzyl Alcohol	2000	ND [0.24]	ND [2.5]	0.22 [0.24] J
SW8270D	ug/L	91-58-7	Beta-Chloronaphthalene	750	ND [0.35]	ND [3.7]	ND [0.36]
SW8270D	ug/L	108-60-1	Bis(2-chloro-1-methylethyl) ether	NA	ND [0.35]	ND [3.7]	ND [0.36]
SW8270D	ug/L	111-91-1	Bis(2-chloroethoxy)methane	NA	ND [0.24]	ND [2.5]	ND [0.24]
SW8270D	ug/L	117-81-7	Bis(2-ethylhexyl)phthalate	56	5.8 [2.4]	7.6 [25] J	2.0 [2.4] J
SW8270D	ug/L	85-68-7	Butyl Benzyl Phthalate	160	ND [2.4]	ND [25]	ND [2.4]
SW8270D	ug/L	86-74-8	Carbazole	NA	ND [0.24]	ND [2.5]	ND [0.24]
SW8270D	ug/L	218-01-9	Chrysene	2	ND [0.019]	ND [0.20]	ND [0.019]
SW8270D	ug/L	59-50-7	Cresol, p-chloro-m-	NA	ND [0.35]	ND [3.7]	ND [0.36]
SW8270D	ug/L	132-64-9	Dibenzofuran	7.9	ND [0.24]	ND [2.5]	ND [0.24]
SW8270D	ug/L	84-74-2	Dibutyl Phthalate	900	ND [0.35]	ND [3.7]	ND [0.36]
SW8270D	ug/L	84-66-2	Diethyl Phthalate	15000	ND [0.24]	ND [2.5]	ND [0.24]
SW8270D	ug/L	131-11-3	Dimethylphthalate	16000	ND [0.24]	ND [2.5]	ND [0.24]
SW8270D	ug/L	534-52-1	Dinitro-o-cresol, 4,6-	NA	ND [0.70]	ND [7.3]	ND [0.72]
SW8270D	ug/L	117-84-0	di-N-Octyl Phthalate	22	4.2 [0.35]	ND [3.7]	ND [0.36]
SW8270D	ug/L	206-44-0	Fluoranthene	260	ND [0.095]	ND [0.99]	ND [0.097]
SW8270D	ug/L	86-73-7	Fluorene	290	ND [0.019]	ND [0.20]	ND [0.019]
SW8270D	ug/L	87-68-3	Hexachlorobutadiene	1.4	ND [0.35]	**ND [3.7]**	ND [0.36]
SW8270D	ug/L	77-47-4	Hexachlorocyclopentadiene	0.41	ND [0.35]	**ND [3.7]**	ND [0.36]
SW8270D	ug/L	67-72-1	Hexachloroethane	3.3	ND [0.35]	**ND [3.7]**	ND [0.36]
SW8270D	ug/L	193-39-5	Indeno(1,2,3-cd)pyrene	0.19	ND [0.095]	**ND [0.99]**	ND [0.097]
SW8270D	ug/L	78-59-1	Isophorone	780	ND [0.24]	ND [2.5]	ND [0.24]
SW8270D	ug/L	91-20-3	Naphthalene	1.7	ND [0.019]	ND [0.20]	ND [0.019]
SW8270D	ug/L	88-74-4	Nitroaniline, 2-	NA	ND [0.24]	ND [2.5]	ND [0.24]
SW8270D	ug/L	100-01-6	Nitroaniline, 4-	NA	ND [0.24]	ND [2.5]	ND [0.24]
SW8270D	ug/L	98-95-3	Nitrobenzene	1.4	ND [0.35]	**ND [3.7]**	ND [0.36]
SW8270D	ug/L	86-30-6	N-Nitrosodiphenylamine	120	ND [0.24]	ND [2.5]	ND [0.24]
SW8270D	ug/L	95-48-7	o-Cresol	930	ND [0.24]	ND [2.5]	ND [0.24]
SW8270D	ug/L	106-47-8	p-Chloroaniline	3.7	ND [0.35]	**ND [3.7]**	ND [0.36]
SW8270D	ug/L	87-86-5	Pentachlorophenol	0.41	**ND [0.95]**	**ND [9.9]**	**ND [0.97]**
SW8270D	ug/L	85-01-8	Phenanthrene	170	ND [0.019]	ND [0.20]	ND [0.019]
SW8270D	ug/L	108-95-2	Phenol	5800	ND [0.24]	ND [2.5]	ND [0.24]
SW8270D	ug/L	129-00-0	Pyrene	120	ND [0.095]	ND [0.99]	ND [0.097]
SW8270D SIM	ug/L	90-12-0	1-Methylnaphthalene	11	0.010 [0.012] J	0.026 [0.012] J	ND [0.012]
SW8270D SIM	ug/L	91-57-6	2-Methylnaphthalene	36	ND [0.012]	0.025 [0.012] J	ND [0.012]
SW8270D SIM	ug/L	91-94-1	3,3'-Dichlorobenzidine	1.3	ND [0.38]	**ND [7.9]**	ND [0.39]
SW8270D SIM	ug/L	83-32-9	Acenaphthene	530	ND [0.012]	ND [0.012]	ND [0.012]
SW8270D SIM	ug/L	208-96-8	Acenaphthylene	260	ND [0.012]	ND [0.012]	ND [0.012]
SW8270D SIM	ug/L	120-12-7	Anthracene	43	ND [0.024]	ND [0.024]	ND [0.024]
SW8270D SIM	ug/L	56-55-3	Benz[a]anthracene	0.30	ND [0.024]	ND [0.024]	ND [0.024]
SW8270D SIM	ug/L	50-32-8	Benzo(a)pyrene	0.25	ND [0.024]	**ND [0.49]**	ND [0.024]
SW8270D SIM	ug/L	205-99-2	Benzo(b)fluoranthene	2.5	ND [0.024]	ND [0.024]	ND [0.024]
SW8270D SIM	ug/L	207-08-9	Benzo(k)fluoranthene	0.8	ND [0.024]	ND [0.024]	ND [0.024]
SW8270D SIM	ug/L	191-24-2	Benzo[g,h,i]perylene	0.26	ND [0.012]	ND [0.012]	ND [0.012]
SW8270D SIM	ug/L	111-44-4	Bis(2-chloroethyl)ether	0.14	ND [0.012]	**ND [0.26]**	ND [0.013]
SW8270D SIM	ug/L	218-01-9	Chrysene	2	0.016 [0.024] J	ND [0.024]	ND [0.024]
SW8270D SIM	ug/L	53-70-3	Dibenz[a,h]anthracene	0.25	ND [0.024]	**ND [0.49]**	ND [0.024]
SW8270D SIM	ug/L	206-44-0	Fluoranthene	260	0.035 [0.036] J	ND [0.036]	ND [0.036]
SW8270D SIM	ug/L	86-73-7	Fluorene	290	ND [0.024]	ND [0.024]	ND [0.024]
SW8270D SIM	ug/L	118-74-1	Hexachlorobenzene	0.098	ND [0.012]	**ND [0.26]**	ND [0.013]
SW8270D SIM	ug/L	193-39-5	Indeno(1,2,3-cd)pyrene	0.19	ND [0.024]	ND [0.024]	ND [0.024]
SW8270D SIM	ug/L	91-20-3	Naphthalene	1.7	0.013 [0.024] J	0.022 [0.024] J	0.016 [0.024] J
SW8270D SIM	ug/L	62-75-9	N-Nitrosodimethylamine	0.0011	**ND [0.19]**	**ND [4.0]**	**ND [0.19]**
SW8270D SIM	ug/L	621-64-7	N-Nitroso-di-N-propylamine	0.11	ND [0.024]	**ND [0.49]**	ND [0.024]
SW8270D SIM	ug/L	85-01-8	Phenanthrene	170	0.019 [0.024] J	ND [0.024]	ND [0.024]
SW8270D SIM	ug/L	129-00-0	Pyrene	120	0.024 [0.036] J	ND [0.036]	ND [0.036]

[1] 18 AAC 75 Table C GW (Oct 2018)

[2] One-tenth 18 AAC 75 Table C GW (Oct 2018)

CRSL - Cumulative Risk Screening Level

Data flags defined at end of tables

Limit of Detection shown in brackets

PAL - Project Action Limit

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Attachment E1 Table Notes

Notes:

CRSL = Cumulative Risk Screening Level
ND[ ] - Analyte is not detected; [Laboratory Limit of Detection (LOD)]
mg/kg = milligram per kilogram
PAL = Project Action Limits
ug/L = microgram per Liter

bold	result exceeds PAL
underline	result exceeds CRSL
bold and underline	result exceeds PAL and CRSL
bold	non-detect exceeds PAL
underline	non-detect exceeds CRSL
bold and underline	non-detect exceeds PAL and CRSL

Data Flag Explanations:

Qualifier	Definition
J	Analyte result is considered an estimated value because the level is below the laboratory LOQ but above the DL
B	Analyte result is considered a high estimated value due to contamination present in the method blank
H	Analyte result is considered a low estimated value due to method hold time exceedance
QH, QL, QN	Analyte result is considered an estimated value biased (high, low, uncertain) due to a quality control failure
RE	Analyte result is rejected - result is not usable

Flags may be combined when more than one quality deficiency exists

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ATTACHMENT 2

LABORATORY CERTIFICATES

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CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board
500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

TestAmerica Sacramento
880 Riverside Parkway
West Sacramento, CA 95605

has been assessed by ANAB
and meets the requirements of international standard

ISO/IEC 17025:2005

and DoD Quality Systems Manual for Environmental Laboratories (DoD QSM V 5.1)

while demonstrating technical competence in the fields of

TESTING

Refer to the accompanying Scope of Accreditation for information regarding the types of calibrations and/or tests to which this accreditation applies.

L2468
Certificate Number

ANAB Approval

Certificate Valid: 01/17/2018-01/20/2021
Version No. 001 Issued: 01/17/2018

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

ANSI-ASQ National Accreditation Board

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005 AND DOD QUALITY SYSTEMS MAUAL FOR ENVIRONMENTAL LABORATORIES (DOD QSM V5.1)

TestAmerica Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Ms. Lisa Stafford
916-373-5600

TESTING

Valid to: **January 20, 2021** Certificate Number: **L2468**

Environmental

Non-Potable Water		
Technology	**Method**	**Analyte**
ICP-AES	EPA 6010B/6010C	Aluminum
ICP-AES	EPA 6010B/6010C	Antimony
ICP-AES	EPA 6010B/6010C	Arsenic
ICP-AES	EPA 6010B/6010C	Barium
ICP-AES	EPA 6010B/6010C	Beryllium
ICP-AES	EPA 6010B/6010C	Boron
ICP-AES	EPA 6010B/6010C	Cadmium
ICP-AES	EPA 6010B/6010C	Calcium
ICP-AES	EPA 6010B/6010C	Chromium (Total)
ICP-AES	EPA 6010B/6010C	Cobalt
ICP-AES	EPA 6010B/6010C	Copper
ICP-AES	EPA 6010B/6010C	Iron
ICP-AES	EPA 6010B/6010C	Lead
ICP-AES	EPA 6010B/6010C	Magnesium
ICP-AES	EPA 6010B/6010C	Manganese
ICP-AES	EPA 6010B/6010C	Molybdenum
ICP-AES	EPA 6010B/6010C	Nickel
ICP-AES	EPA 6010B/6010C	Potassium
ICP-AES	EPA 6010B/6010C	Selenium
ICP-AES	EPA 6010B/6010C	Silica

Non-Potable Water		
Technology	**Method**	**Analyte**
ICP-AES	EPA 6010B/6010C	Silicon
ICP-AES	EPA 6010B/6010C	Silver
ICP-AES	EPA 6010B/6010C	Sodium
ICP-AES	EPA 6010B/6010C	Thallium
ICP-AES	EPA 6010B/6010C	Tin
ICP-AES	EPA 6010B/6010C	Titanium
ICP-AES	EPA 6010B/6010C	Vanadium
ICP-AES	EPA 6010B/6010C	Zinc
ICP-MS	EPA 6020/6020A	Aluminum
ICP-MS	EPA 6020/6020A	Antimony
ICP-MS	EPA 6020/6020A	Arsenic
ICP-MS	EPA 6020/6020A	Barium
ICP-MS	EPA 6020/6020A	Beryllium
ICP-MS	EPA 6020/6020A	Cadmium
ICP-MS	EPA 6020/6020A	Calcium
ICP-MS	EPA 6020/6020A	Chromium (Total)
ICP-MS	EPA 6020/6020A	Cobalt
ICP-MS	EPA 6020/6020A	Copper
ICP-MS	EPA 6020/6020A	Iron
ICP-MS	EPA 6020/6020A	Lead
ICP-MS	EPA 6020/6020A	Magnesium
ICP-MS	EPA 6020/6020A	Manganese
ICP-MS	EPA 6020/6020A	Molybdenum
ICP-MS	EPA 6020/6020A	Nickel
ICP-MS	EPA 6020/6020A	Phosphorus
ICP-MS	EPA 6020/6020A	Potassium
ICP-MS	EPA 6020/6020A	Selenium
ICP-MS	EPA 6020/6020A	Silver
ICP-MS	EPA 6020/6020A	Sodium
ICP-MS	EPA 6020/6020A	Strontium
ICP-MS	EPA 6020/6020A	Thallium
ICP-MS	EPA 6020/6020A	Tin
ICP-MS	EPA 6020/6020A	Titanium
ICP-MS	EPA 6020/6020A	Uranium
ICP-MS	EPA 6020/6020A	Vanadium
ICP-MS	EPA 6020/6020A	Zinc

Non-Potable Water		
Technology	**Method**	**Analyte**
CVAAS	EPA 7470A	Mercury
Colorimetric	EPA 353.2	Nitrate
Colorimetric	EPA 353.2	Nitrate-nitrite
Colorimetric	EPA 353.2	Nitrite
Colorimetric	EPA 410.4	Chemical Oxygen Demand (COD)
LC/MS/MS	EPA 6850	Perchlorate
Colorimetric	EPA 7196A	Chromium (Hexavalent)
Probe	EPA 9040B/9040C	pH
Ion Chromatography	EPA 9056A/300.0	Bromide
Ion Chromatography	EPA 9056A/300.0	Chloride
Ion Chromatography	EPA 9056A/300.0	Fluoride
Ion Chromatography	EPA 9056A/300.0	Nitrate
Ion Chromatography	EPA 9056A/300.0	Nitrite
Ion Chromatography	EPA 9056A/300.0	Orthophosphate
Ion Chromatography	EPA 9056A/300.0	Sulfate
Titration	SM 2320B	Alkalinity
Gravimetric	SM 2540B	Solids, Total
Gravimetric	SM 2540C	Solids, Total Dissolved
Gravimetric	SM 2540D	Solids, Total Suspended
Colorimetric/Hydrolysis	EPA 353.2 Modified / WS-WC-0050	Nitrocellulose
GC/MS	EPA 8260B/8260C	1,1,1,2-Tetrachloroethane
GC/MS	EPA 8260B/8260C	1,1,1-Trichloroethane
GC/MS	EPA 8260B/8260C	1,1,2,2-Tetrachloroethane
GC/MS	EPA 8260B/8260C	1,1,2-Trichloroethane
GC/MS	EPA 8260B/8260C	1,1,2-Trichloro-1,2,2-trifluoroethane
GC/MS	EPA 8260B/8260C	1,1-Dichloroethane
GC/MS	EPA 8260B/8260C	1,1-Dichloroethene
GC/MS	EPA 8260B/8260C	1,1-Dichloropropene
GC/MS	EPA 8260B/8260C	1,2,3-Trichlorobenzene
GC/MS	EPA 8260B/8260C	1,2,3-Trichloropropane
GC/MS	EPA 8260B/8260C	1,2,4-Trichlorobenzene
GC/MS	EPA 8260B/8260C	1,2,4-Trimethylbenzene
GC/MS	EPA 8260B/8260C	1,2-Dibromo-3-chloropropane
GC/MS	EPA 8260B/8260C	1,2-Dibromoethane
GC/MS	EPA 8260B/8260C	1,2-Dichlorobenzene
GC/MS	EPA 8260B/8260C	1,2-Dichloroethane

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/MS	EPA 8260B/8260C	1,2-Dichloropropane
GC/MS	EPA 8260B/8260C	1,3,5-Trimethylbenzene
GC/MS	EPA 8260B/8260C	1,3-Dichlorobenzene
GC/MS	EPA 8260B/8260C	1,3-Dichloropropane
GC/MS	EPA 8260B/8260C	1,4-Dichlorobenzene
GC/MS	EPA 8260B/8260C	1-Chlorohexane
GC/MS	EPA 8260B/8260C	2,2-Dichloropropane
GC/MS	EPA 8260B/8260C	2-Butanone (MEK)
GC/MS	EPA 8260B/8260C	2-Chlorotoluene
GC/MS	EPA 8260B/8260C	2-Hexanone (MBK)
GC/MS	EPA 8260B/8260C	2-Methyl-2-propanol (tert- Butyl Alcohol, TBA)
GC/MS	EPA 8260B/8260C	4-Chlorotoluene
GC/MS	EPA 8260B/8260C	4-Isopropyltoluene
GC/MS	EPA 8260B/8260C	4-Methyl-2-pentanone (MIBK)
GC/MS	EPA 8260B/8260C	Acetone
GC/MS	EPA 8260B/8260C	Allyl Chloride
GC/MS	EPA 8260B/8260C	Benzene
GC/MS	EPA 8260B/8260C	Bromobenzene
GC/MS	EPA 8260B/8260C	Bromochloromethane
GC/MS	EPA 8260B/8260C	Bromodichloromethane
GC/MS	EPA 8260B/8260C	Bromoform
GC/MS	EPA 8260B/8260C	Bromomethane
GC/MS	EPA 8260B/8260C	Carbon Disulfide
GC/MS	EPA 8260B/8260C	Carbon Tetrachloride
GC/MS	EPA 8260B/8260C	Chlorobenzene
GC/MS	EPA 8260B/8260C	Chloroethane
GC/MS	EPA 8260B/8260C	Chloroform
GC/MS	EPA 8260B/8260C	Chloromethane
GC/MS	EPA 8260B/8260C	cis-1,2-Dichloroethene
GC/MS	EPA 8260B/8260C	cis-1,3-Dichloropropene
GC/MS	EPA 8260B/8260C	Cyclohexane
GC/MS	EPA 8260B/8260C	Dibromochloromethane
GC/MS	EPA 8260B/8260C	Dibromomethane
GC/MS	EPA 8260B/8260C	Dichlorodifluoromethane
GC/MS	EPA 8260B/8260C	Diisopropyl Ether (DIPE)
GC/MS	EPA 8260B/8260C	Ethylbenzene

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/MS	EPA 8260B/8260C	Ethylmethacrylate
GC/MS	EPA 8260B/8260C	Ethyl tert-butyl Ether (ETBE)
GC/MS	EPA 8260B/8260C	Hexachlorobutadiene
GC/MS	EPA 8260B/8260C	Hexane
GC/MS	EPA 8260B/8260C	Iodomethane
GC/MS	EPA 8260B/8260C	Isobutanol (2-Methyl-1-propanol)
GC/MS	EPA 8260B/8260C	Isopropylbenzene
GC/MS	EPA 8260B/8260C	m & p Xylene
GC/MS	EPA 8260B/8260C	Methyl tert-butyl Ether (MTBE)
GC/MS	EPA 8260B/8260C	Methylene Chloride
GC/MS	EPA 8260B/8260C	Naphthalene
GC/MS	EPA 8260B/8260C	n-Butylbenzene
GC/MS	EPA 8260B/8260C	n-Propylbenzene
GC/MS	EPA 8260B/8260C	o-Xylene
GC/MS	EPA 8260B/8260C	sec-Butylbenzene
GC/MS	EPA 8260B/8260C	Styrene
GC/MS	EPA 8260B/8260C	t-Amyl methyl Ether (TAME)
GC/MS	EPA 8260B/8260C	t-1,4-Dichloro-2-Butene
GC/MS	EPA 8260B/8260C	tert-Butylbenzene
GC/MS	EPA 8260B/8260C	Tetrachloroethene
GC/MS	EPA 8260B/8260C	Toluene
GC/MS	EPA 8260B/8260C	trans-1,2-Dichloroethene
GC/MS	EPA 8260B/8260C	trans-1,3-Dichloropropene
GC/MS	EPA 8260B/8260C	Trichloroethene
GC/MS	EPA 8260B/8260C	Trichlorofluoromethane
GC/MS	EPA 8260B/8260C	Vinyl Acetate
GC/MS	EPA 8260B/8260C	Vinyl Chloride
GC/MS	EPA 8260B/8260C	Xylenes, Total
GC/MS	EPA 8260B/AK101MS	Gasoline (GRO)
GC/MS	EPA 8270C/8270D	1,2,4,5-Tetrachlorobenzene
GC/MS	EPA 8270C/8270D	1,2,4-Trichlorobenzene
GC/MS	EPA 8270C/8270D	1,2-Dichlorobenzene
GC/MS	EPA 8270C/8270D	1,2-Diphenylhydrazine (as Azobenzene)
GC/MS	EPA 8270C/8270D	1,3-Dichlorobenzene
GC/MS	EPA 8270C/8270D	1,3-Dinitrobenzene
GC/MS	EPA 8270C/8270D	1,4-Dichlorobenzene

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/MS	EPA 8270C/8270D	1-Methylnaphthalene
GC/MS	EPA 8270C/8270D	2,3,4,6-Tetrachlorophenol
GC/MS	EPA 8270C/8270D	2,4,5-Trichlorophenol
GC/MS	EPA 8270C/8270D	2,4,6-Trichlorophenol
GC/MS	EPA 8270C/8270D	2,4-Dichlorophenol
GC/MS	EPA 8270C/8270D	2,4-Dimethylphenol
GC/MS	EPA 8270C/8270D	2,4-Dinitrophenol
GC/MS	EPA 8270C/8270D	2,4-Dinitrotoluene
GC/MS	EPA 8270C/8270D	2,6-Dichlorophenol
GC/MS	EPA 8270C/8270D	2,6-Dinitrotoluene
GC/MS	EPA 8270C/8270D	2-Chloronaphthalene
GC/MS	EPA 8270C/8270D	2-Chlorophenol
GC/MS	EPA 8270C/8270D	2-Methylnaphthalene
GC/MS	EPA 8270C/8270D	2-Methylphenol
GC/MS	EPA 8270C/8270D	2-Nitroaniline
GC/MS	EPA 8270C/8270D	2-Nitrophenol
GC/MS	EPA 8270C/8270D	3&4-Methylphenol
GC/MS	EPA 8270C/8270D	3,3'-Dichlorobenzidine
GC/MS	EPA 8270C/8270D	3-Nitroaniline
GC/MS	EPA 8270C/8270D	4,6-Dinitro-2-methylphenol
GC/MS	EPA 8270C/8270D	4-Bromophenyl phenyl ether
GC/MS	EPA 8270C/8270D	4-Chloro-3-methylphenol
GC/MS	EPA 8270C/8270D	4-Chloroaniline
GC/MS	EPA 8270C/8270D	4-Chlorophenyl phenyl ether
GC/MS	EPA 8270C/8270D	4-Nitroaniline
GC/MS	EPA 8270C/8270D	4-Nitrophenol
GC/MS	EPA 8270C/8270D	Acenaphthene
GC/MS	EPA 8270C/8270D	Acenaphthylene
GC/MS	EPA 8270C/8270D	Aniline
GC/MS	EPA 8270C/8270D	Anthracene
GC/MS	EPA 8270C/8270D	Benzo(a)anthracene
GC/MS	EPA 8270C/8270D	Benzo(a)pyrene
GC/MS	EPA 8270C/8270D	Benzo(b)fluoranthene
GC/MS	EPA 8270C/8270D	Benzo(g,h,i)perylene
GC/MS	EPA 8270C/8270D	Benzo(k)fluoranthene
GC/MS	EPA 8270C/8270D	Benzoic Acid

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/MS	EPA 8270C/8270D	Benzyl Alcohol
GC/MS	EPA 8270C/8270D	Benzyl butyl Phthalate
GC/MS	EPA 8270C/8270D	Biphenyl
GC/MS	EPA 8270C/8270D	Bis(2-chloroethoxy) Methane
GC/MS	EPA 8270C/8270D	Bis(2-chloroethyl) Ether
GC/MS	EPA 8270C/8270D	Bis(2-chloroisopropyl) Ether
GC/MS	EPA 8270C/8270D	Carbazole
GC/MS	EPA 8270C/8270D	Chrysene
GC/MS	EPA 8270C/8270D	Bis (2-ethylhexyl) Phthalate
GC/MS	EPA 8270C/8270D	Dibenz(a,h)anthracene
GC/MS	EPA 8270C/8270D	Dibenzofuran
GC/MS	EPA 8270C/8270D	Diethyl Phthalate
GC/MS	EPA 8270C/8270D	Dimethyl Phthalate
GC/MS	EPA 8270C/8270D	Di-n-butyl Phthalate
GC/MS	EPA 8270C/8270D	Di-n-octyl Phthalate
GC/MS	EPA 8270C/8270D	Fluoranthene
GC/MS	EPA 8270C/8270D	Fluorene
GC/MS	EPA 8270C/8270D	Hexachlorobenzene
GC/MS	EPA 8270C/8270D	Hexachlorobutadiene
GC/MS	EPA 8270C/8270D	Hexachlorocyclopentadiene
GC/MS	EPA 8270C/8270D	Hexachloroethane
GC/MS	EPA 8270C/8270D	Indeno(1,2,3-c,d) Pyrene
GC/MS	EPA 8270C/8270D	Isophorone
GC/MS	EPA 8270C/8270D	Naphthalene
GC/MS	EPA 8270C/8270D	Nitrobenzene
GC/MS	EPA 8270C/8270D	n-Nitrosodimethylamine
GC/MS	EPA 8270C/8270D	n-Nitrosodi-n-propylamine
GC/MS	EPA 8270C/8270D	n-Nitrosodiphenylamine
GC/MS	EPA 8270C/8270D	Pentachlorophenol
GC/MS	EPA 8270C/8270D	Phenanthrene
GC/MS	EPA 8270C/8270D	Phenol
GC/MS	EPA 8270C/8270D	Pyrene
GC/MS	EPA 8270C/8270D	Pyridine
GC/MS SIM	EPA 8260C-SIM	1,1,2-Trichloroethane
GC/MS SIM	EPA 8260C-SIM	1,1,2,2-Tetrachloroethane
GC/MS SIM	EPA 8260C-SIM	1,2,3-Trichloropropane

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/MS SIM	EPA 8260C-SIM	1,2-Dibromoethane
GC/MS SIM	EPA 8260C-SIM	1,2-Dichloroethane
GC/MS SIM	EPA 8260C-SIM	1,3-Butadiene
GC/MS SIM	EPA 8260C-SIM	1,4-Dichlorobenzene
GC/MS SIM	EPA 8260C-SIM	Benzene
GC/MS SIM	EPA 8260C-SIM	Bromodichloromethane
GC/MS SIM	EPA 8260C-SIM	Bromoform
GC/MS SIM	EPA 8260C-SIM	Bromomethane
GC/MS SIM	EPA 8260C-SIM	Chloroform
GC/MS SIM	EPA 8260C-SIM	Dibromochloromethane
GC/MS SIM	EPA 8260C-SIM	Hexachlorobutadiene
GC/MS SIM	EPA 8260C-SIM	Naphthalene
GC/MS SIM	EPA 8260C-SIM	Tetrachloroethene
GC/MS SIM	EPA 8260C-SIM	Trichloroethene
GC/MS SIM	EPA 8260C-SIM	Vinyl Chloride
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	1-Methylnaphthalene
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	2-Methylnaphthalene
GC/MS SIM	EPA 8270D-SIM	3,3'-Dichlorobenzidine
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	Acenaphthene
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	Acenaphthylene
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	Anthracene
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	Benzo(a)anthracene
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	Benzo(a)pyrene
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	Benzo(b)fluoranthene
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	Benzo(g,h,i)perylene
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	Benzo(k)fluoranthene
GC/MS SIM	EPA 8270D-SIM	Bis(2-chloroethyl) Ether
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	Chrysene

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	Dibenz(a,h)anthracene
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	Fluoranthene
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	Fluorene
GC/MS SIM	EPA 8270D-SIM	Hexachlorobenzene
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	Indeno(1,2,3-c,d) Pyrene
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	Naphthalene
GC/MS SIM	EPA 8270D-SIM	n-Nitrosodimethylamine
GC/MS SIM	EPA 8270D-SIM	n-Nitrosodi-n-propylamine
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	Phenanthrene
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	Pyrene
GC/MS SIM	EPA 8270C-SIM Modified / WS-MS-0011	1,4-Dioxane
GC-IT/MS	EPA 521 Modified / WS-MS-0012	N-Nitrosodimethyl amine (NDMA)
GC-FID	EPA 8015B/8015C/8015D AK102	Diesel Range Organics (DRO)
GC-FID	AK103	Residual Range Organics
GC-FID	EPA 8015B/8015C/8015D	Motor Oil Range Organics (MRO)
GC-ECD	EPA 8081A/8081B	Aldrin
GC-ECD	EPA 8081A/8081B	a-BHC
GC-ECD	EPA 8081A/8081B	b-BHC
GC-ECD	EPA 8081A/8081B	d-BHC
GC-ECD	EPA 8081A/8081B	g-BHC (Lindane)
GC-ECD	EPA 8081A/8081B	a-Chlordane
GC-ECD	EPA 8081A/8081B	g-Chlordane
GC-ECD	EPA 8081A/8081B	4,4'-DDD
GC-ECD	EPA 8081A/8081B	4,4'-DDE
GC-ECD	EPA 8081A/8081B	4,4'-DDT
GC-ECD	EPA 8081A/8081B	Dieldrin
GC-ECD	EPA 8081A/8081B	Endosulfan I
GC-ECD	EPA 8081A/8081B	Endosulfan II
GC-ECD	EPA 8081A/8081B	Endosulfan sulfate

Non-Potable Water		
Technology	**Method**	**Analyte**
GC-ECD	EPA 8081A/8081B	Endrin
GC-ECD	EPA 8081A/8081B	Endrin Aldehyde
GC-ECD	EPA 8081A/8081B	Endrin Ketone
GC-ECD	EPA 8081A/8081B	Heptachlor
GC-ECD	EPA 8081A/8081B	Heptachlor Epoxide
GC-ECD	EPA 8081A/8081B	Methoxychlor
GC-ECD	EPA 8081A/8081B	Toxaphene
GC-ECD	EPA 8081A/8081B	Chlordane (technical)
GC-ECD	EPA 8082/8082A	PCB-1016
GC-ECD	EPA 8082/8082A	PCB-1221
GC-ECD	EPA 8082/8082A	PCB-1232
GC-ECD	EPA 8082/8082A	PCB-1242
GC-ECD	EPA 8082/8082A	PCB-1248
GC-ECD	EPA 8082/8082A	PCB-1254
GC-ECD	EPA 8082/8082A	PCB-1260
GC-ECD	EPA 8082/8082A	PCB-1262
GC-ECD	EPA 8082/8082A	PCB-1268
GC/MS	EPA 8280A/8280B	2,3,7,8-TeCDD
GC/MS	EPA 8280A/8280B	1,2,3,7,8-PeCDD
GC/MS	EPA 8280A/8280B	1,2,3,4,7,8-HxCDD
GC/MS	EPA 8280A/8280B	1,2,3,6,7,8-HxCDD
GC/MS	EPA 8280A/8280B	1,2,3,7,8,9-HxCDD
GC/MS	EPA 8280A/8280B	1,2,3,4,6,7,8-HpCDD
GC/MS	EPA 8280A/8280B	OCDD
GC/MS	EPA 8280A/8280B	2,3,7,8-TeCDF
GC/MS	EPA 8280A/8280B	1,2,3,7,8-PeCDF
GC/MS	EPA 8280A/8280B	2,3,4,7,8-PeCDF
GC/MS	EPA 8280A/8280B	1,2,3,4,7,8-HxCDF
GC/MS	EPA 8280A/8280B	1,2,3,6,7,8-HxCDF
GC/MS	EPA 8280A/8280B	1,2,3,7,8,9-HxCDF
GC/MS	EPA 8280A/8280B	2,3,4,6,7,8-HxCDF
GC/MS	EPA 8280A/8280B	1,2,3,4,6,7,8-HpCDF
GC/MS	EPA 8280A/8280B	1,2,3,4,7,8,9-HpCDF
GC/MS	EPA 8280A/8280B	OCDF
GC/MS	EPA 8280A/8280B	Total TCDD
GC/MS	EPA 8280A/8280B	Total PeCDD

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/MS	EPA 8280A/8280B	Total HxCDD
GC/MS	EPA 8280A/8280B	Total HeptaCDD
GC/MS	EPA 8280A/8280B	Total TCDF
GC/MS	EPA 8280A/8280B	Total PeCDF
GC/MS	EPA 8280A/8280B	Total HxCDF
GC/MS	EPA 8280A/8280B	Total HpCDF
GC/HRMS	EPA 8290/8290A/1613B	2,3,7,8-TeCDD
GC/HRMS	EPA 8290/8290A/1613B	1,2,3,7,8-PeCDD
GC/HRMS	EPA 8290/8290A/1613B	1,2,3,4,7,8-HxCDD
GC/HRMS	EPA 8290/8290A/1613B	1,2,3,6,7,8-HxCDD
GC/HRMS	EPA 8290/8290A/1613B	1,2,3,7,8,9-HxCDD
GC/HRMS	EPA 8290/8290A/1613B	1,2,3,4,6,7,8-HpCDD
GC/HRMS	EPA 8290/8290A/1613B	OCDD
GC/HRMS	EPA 8290/8290A/1613B	2,3,7,8-TeCDF
GC/HRMS	EPA 8290/8290A/1613B	1,2,3,7,8-PeCDF
GC/HRMS	EPA 8290/8290A/1613B	2,3,4,7,8-PeCDF
GC/HRMS	EPA 8290/8290A/1613B	1,2,3,4,7,8-HxCDF
GC/HRMS	EPA 8290/8290A/1613B	1,2,3,6,7,8-HxCDF
GC/HRMS	EPA 8290/8290A/1613B	1,2,3,7,8,9-HxCDF
GC/HRMS	EPA 8290/8290A/1613B	2,3,4,6,7,8-HxCDF
GC/HRMS	EPA 8290/8290A/1613B	1,2,3,4,6,7,8-HpCDF
GC/HRMS	EPA 8290/8290A/1613B	1,2,3,4,7,8,9-HpCDF
GC/HRMS	EPA 8290/8290A/1613B	OCDF
GC/HRMS	EPA 8290/8290A/1613B	Total TCDD
GC/HRMS	EPA 8290/8290A/1613B	Total PeCDD
GC/HRMS	EPA 8290/8290A/1613B	Total HxCDD
GC/HRMS	EPA 8290/8290A/1613B	Total HpCDD
GC/HRMS	EPA 8290/8290A/1613B	Total TCDF
GC/HRMS	EPA 8290/8290A/1613B	Total PeCDF
GC/HRMS	EPA 8290/8290A/1613B	Total HxCDF
GC/HRMS	EPA 8290/8290A/1613B	Total HpCDF
HPLC/UV	EPA 8330A/8330B	2-Amino-4,6-dinitrotoluene
HPLC/UV	EPA 8330A/8330B	4-Amino-2,6-dinitrotoluene
HPLC/UV	EPA 8330A/8330B	3,5-Dinitroaniline
HPLC/UV	EPA 8330A/8330B	1,3-Dinitrobenzene
HPLC/UV	EPA 8330A/8330B	2,4-Dinitrotoluene

Non-Potable Water		
Technology	**Method**	**Analyte**
HPLC/UV	EPA 8330A/8330B	2,6-Dinitrotoluene
HPLC/UV	EPA 8330A/8330B	Glycerol trinitrate (Nitroglycerin)
HPLC/UV	EPA 8330A/8330B	Hexahydro-1,3,5-trinitro- 1,3,5-triazine (Hexogen)
HPLC/UV	EPA 8330A/8330B	Methyl-2,4,6- trinitrophenylnitramine
HPLC/UV	EPA 8330A/8330B	Nitrobenzene
HPLC/UV	EPA 8330A/8330B	2-Nitrotoluene (o-Nitrotoluene)
HPLC/UV	EPA 8330A/8330B	3-Nitrotoluene (m-Nitrotoluene)
HPLC/UV	EPA 8330A/8330B	4-Nitrotoluene (p-Nitrotoluene)
HPLC/UV	EPA 8330A/8330B	Octahydro-1,3,5,7- tetranitro1,3,5,7-tetracine (Octogen)
HPLC/UV	EPA 8330A/8330B	Picric acid
HPLC/UV	EPA 8330A/8330B	Pentaerythritol Tetranitrate
HPLC/UV	EPA 8330A/8330B	1,3,5-Trinitrobenzene
HPLC/UV	EPA 8330A/8330B	2,4,6-Trinitrotoluene
HPLC/UV	EPA 8330A/8330B	Hexahydro-1,3-dinitroso-5- nitro-1,3,5,triazine (DNX)
HPLC/UV	EPA 8330A/8330B	Hexahydro-1,3,5-trinitroso- 1,3,5-triazine (TNX)
HPLC/UV	EPA 8330A/8330B	1-Nitroso-3,5-dinitro-1,3,5- triazacyclohexane (MNX)
HPLC/UV	EPA 8330A Modified /WS-LC-0010	Nitroguanidine
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	6:2 Fluorotelomer sulfonate (6:2 FTS)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	8:2 Fluorotelomer sulfonate (8:2 FTS)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	N-Ethyl perfluorooctanesulfon amidacetic acid (EtFOSAA)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	N-Methyl perfluorooctanesulfon amidoacetic acid (MeFOSAA)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	Perfluorooctanoic acid (PFOA)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	Perfluorooctane Sulfonic Acid (PFOS)

Non-Potable Water		
Technology	**Method**	**Analyte**
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	Perfluorobutyric acid (PFBA)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	Perfluoropentanoic acid (PFPA)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	Perfluorohexanoic acid (PFHxA)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	Perfluoroheptanoic acid (PFHpA)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	Perfluorononanoic acid (PFNA)
LC/MS/MS	EPA 537 Modified / WS-LC-0025	Perfluorodecanoic acid (PFDA)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	Perfluoroundecanoic acid (PFUDA)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	Perfluorododecanoic acid (PFDoDA)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	Perfluorotridecanoic acid (PFTriA)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	Perfluorotetradecanoic acid (PDTeA)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	Perfluorobutane Sulfonic Acid (PFBS)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	Perfluorohexane Sulfonic Acid (PFHxS)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	Perfluoroheptane Sulfonic Acid (PFHpS)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	Perfluorodecane Sulfonic Acid (PFDS)

Non-Potable Water		
Technology	**Method**	**Analyte**
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	Perfluoroocatane Sulfonamide (FOSA)
GC/HRMS	EPA 1668A/1668C	PCB 1
GC/HRMS	EPA 1668A/1668C	PCB 2
GC/HRMS	EPA 1668A/1668C	PCB 3
GC/HRMS	EPA 1668A/1668C	PCB 4
GC/HRMS	EPA 1668A/1668C	PCB 5
GC/HRMS	EPA 1668A/1668C	PCB 6
GC/HRMS	EPA 1668A/1668C	PCB 7
GC/HRMS	EPA 1668A/1668C	PCB 8
GC/HRMS	EPA 1668A/1668C	PCB 9
GC/HRMS	EPA 1668A/1668C	PCB 10
GC/HRMS	EPA 1668A/1668C	PCB 11
GC/HRMS	EPA 1668A/1668C	PCB 12
GC/HRMS	EPA 1668A/1668C	PCB 13
GC/HRMS	EPA 1668A/1668C	PCB 14
GC/HRMS	EPA 1668A/1668C	PCB 15
GC/HRMS	EPA 1668A/1668C	PCB 16
GC/HRMS	EPA 1668A/1668C	PCB 17
GC/HRMS	EPA 1668A/1668C	PCB 18
GC/HRMS	EPA 1668A/1668C	PCB 19
GC/HRMS	EPA 1668A/1668C	PCB 20
GC/HRMS	EPA 1668A/1668C	PCB 21
GC/HRMS	EPA 1668A/1668C	PCB 22
GC/HRMS	EPA 1668A/1668C	PCB 23
GC/HRMS	EPA 1668A/1668C	PCB 24
GC/HRMS	EPA 1668A/1668C	PCB 25
GC/HRMS	EPA 1668A/1668C	PCB 26
GC/HRMS	EPA 1668A/1668C	PCB 27
GC/HRMS	EPA 1668A/1668C	PCB 28
GC/HRMS	EPA 1668A/1668C	PCB 29
GC/HRMS	EPA 1668A/1668C	PCB 30
GC/HRMS	EPA 1668A/1668C	PCB 32
GC/HRMS	EPA 1668A/1668C	PCB 31
GC/HRMS	EPA 1668A/1668C	PCB 33
GC/HRMS	EPA 1668A/1668C	PCB 34

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/HRMS	EPA 1668A/1668C	PCB 35
GC/HRMS	EPA 1668A/1668C	PCB 36
GC/HRMS	EPA 1668A/1668C	PCB 37
GC/HRMS	EPA 1668A/1668C	PCB 38
GC/HRMS	EPA 1668A/1668C	PCB 39
GC/HRMS	EPA 1668A/1668C	PCB 40
GC/HRMS	EPA 1668A/1668C	PCB 41
GC/HRMS	EPA 1668A/1668C	PCB 42
GC/HRMS	EPA 1668A/1668C	PCB 43
GC/HRMS	EPA 1668A/1668C	PCB 44
GC/HRMS	EPA 1668A/1668C	PCB 45
GC/HRMS	EPA 1668A/1668C	PCB 46
GC/HRMS	EPA 1668A/1668C	PCB 47
GC/HRMS	EPA 1668A/1668C	PCB 48
GC/HRMS	EPA 1668A/1668C	PCB 49
GC/HRMS	EPA 1668A/1668C	PCB 50
GC/HRMS	EPA 1668A/1668C	PCB 51
GC/HRMS	EPA 1668A/1668C	PCB 52
GC/HRMS	EPA 1668A/1668C	PCB 53
GC/HRMS	EPA 1668A/1668C	PCB 54
GC/HRMS	EPA 1668A/1668C	PCB 55
GC/HRMS	EPA 1668A/1668C	PCB 56
GC/HRMS	EPA 1668A/1668C	PCB 57
GC/HRMS	EPA 1668A/1668C	PCB 58
GC/HRMS	EPA 1668A/1668C	PCB 59
GC/HRMS	EPA 1668A/1668C	PCB 60
GC/HRMS	EPA 1668A/1668C	PCB 61
GC/HRMS	EPA 1668A/1668C	PCB 62
GC/HRMS	EPA 1668A/1668C	PCB 63
GC/HRMS	EPA 1668A/1668C	PCB 64
GC/HRMS	EPA 1668A/1668C	PCB 65
GC/HRMS	EPA 1668A/1668C	PCB 66
GC/HRMS	EPA 1668A/1668C	PCB 67
GC/HRMS	EPA 1668A/1668C	PCB 68
GC/HRMS	EPA 1668A/1668C	PCB 69
GC/HRMS	EPA 1668A/1668C	PCB 70

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/HRMS	EPA 1668A/1668C	PCB 71
GC/HRMS	EPA 1668A/1668C	PCB 72
GC/HRMS	EPA 1668A/1668C	PCB 73
GC/HRMS	EPA 1668A/1668C	PCB 74
GC/HRMS	EPA 1668A/1668C	PCB 75
GC/HRMS	EPA 1668A/1668C	PCB 76
GC/HRMS	EPA 1668A/1668C	PCB 77
GC/HRMS	EPA 1668A/1668C	PCB 78
GC/HRMS	EPA 1668A/1668C	PCB 79
GC/HRMS	EPA 1668A/1668C	PCB 80
GC/HRMS	EPA 1668A/1668C	PCB 81
GC/HRMS	EPA 1668A/1668C	PCB 82
GC/HRMS	EPA 1668A/1668C	PCB 83
GC/HRMS	EPA 1668A/1668C	PCB 84
GC/HRMS	EPA 1668A/1668C	PCB 85
GC/HRMS	EPA 1668A/1668C	PCB 86
GC/HRMS	EPA 1668A/1668C	PCB 87
GC/HRMS	EPA 1668A/1668C	PCB 88
GC/HRMS	EPA 1668A/1668C	PCB 89
GC/HRMS	EPA 1668A/1668C	PCB 90
GC/HRMS	EPA 1668A/1668C	PCB 91
GC/HRMS	EPA 1668A/1668C	PCB 92
GC/HRMS	EPA 1668A/1668C	PCB 93
GC/HRMS	EPA 1668A/1668C	PCB 94
GC/HRMS	EPA 1668A/1668C	PCB 95
GC/HRMS	EPA 1668A/1668C	PCB 96
GC/HRMS	EPA 1668A/1668C	PCB 97
GC/HRMS	EPA 1668A/1668C	PCB 98
GC/HRMS	EPA 1668A/1668C	PCB 99
GC/HRMS	EPA 1668A/1668C	PCB 100
GC/HRMS	EPA 1668A/1668C	PCB 101
GC/HRMS	EPA 1668A/1668C	PCB 102
GC/HRMS	EPA 1668A/1668C	PCB 103
GC/HRMS	EPA 1668A/1668C	PCB 104
GC/HRMS	EPA 1668A/1668C	PCB 105
GC/HRMS	EPA 1668A/1668C	PCB 106

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/HRMS	EPA 1668A/1668C	PCB 107
GC/HRMS	EPA 1668A/1668C	PCB 108
GC/HRMS	EPA 1668A/1668C	PCB 109
GC/HRMS	EPA 1668A/1668C	PCB 110
GC/HRMS	EPA 1668A/1668C	PCB 111
GC/HRMS	EPA 1668A/1668C	PCB 112
GC/HRMS	EPA 1668A/1668C	PCB 113
GC/HRMS	EPA 1668A/1668C	PCB 114
GC/HRMS	EPA 1668A/1668C	PCB 115
GC/HRMS	EPA 1668A/1668C	PCB 116
GC/HRMS	EPA 1668A/1668C	PCB 117
GC/HRMS	EPA 1668A/1668C	PCB 118
GC/HRMS	EPA 1668A/1668C	PCB 119
GC/HRMS	EPA 1668A/1668C	PCB 120
GC/HRMS	EPA 1668A/1668C	PCB 121
GC/HRMS	EPA 1668A/1668C	PCB 122
GC/HRMS	EPA 1668A/1668C	PCB 123
GC/HRMS	EPA 1668A/1668C	PCB 124
GC/HRMS	EPA 1668A/1668C	PCB 125
GC/HRMS	EPA 1668A/1668C	PCB 126
GC/HRMS	EPA 1668A/1668C	PCB 127
GC/HRMS	EPA 1668A/1668C	PCB 128
GC/HRMS	EPA 1668A/1668C	PCB 129
GC/HRMS	EPA 1668A/1668C	PCB 130
GC/HRMS	EPA 1668A/1668C	PCB 131
GC/HRMS	EPA 1668A/1668C	PCB 132
GC/HRMS	EPA 1668A/1668C	PCB 133
GC/HRMS	EPA 1668A/1668C	PCB 134
GC/HRMS	EPA 1668A/1668C	PCB 135
GC/HRMS	EPA 1668A/1668C	PCB 136
GC/HRMS	EPA 1668A/1668C	PCB 137
GC/HRMS	EPA 1668A/1668C	PCB 138
GC/HRMS	EPA 1668A/1668C	PCB 139
GC/HRMS	EPA 1668A/1668C	PCB 140
GC/HRMS	EPA 1668A/1668C	PCB 141
GC/HRMS	EPA 1668A/1668C	PCB 142

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/HRMS	EPA 1668A/1668C	PCB 143
GC/HRMS	EPA 1668A/1668C	PCB 144
GC/HRMS	EPA 1668A/1668C	PCB 145
GC/HRMS	EPA 1668A/1668C	PCB 146
GC/HRMS	EPA 1668A/1668C	PCB 147
GC/HRMS	EPA 1668A/1668C	PCB 148
GC/HRMS	EPA 1668A/1668C	PCB 149
GC/HRMS	EPA 1668A/1668C	PCB 150
GC/HRMS	EPA 1668A/1668C	PCB 151
GC/HRMS	EPA 1668A/1668C	PCB 152
GC/HRMS	EPA 1668A/1668C	PCB 153
GC/HRMS	EPA 1668A/1668C	PCB 154
GC/HRMS	EPA 1668A/1668C	PCB 155
GC/HRMS	EPA 1668A/1668C	PCB 156
GC/HRMS	EPA 1668A/1668C	PCB 157
GC/HRMS	EPA 1668A/1668C	PCB 158
GC/HRMS	EPA 1668A/1668C	PCB 159
GC/HRMS	EPA 1668A/1668C	PCB 160
GC/HRMS	EPA 1668A/1668C	PCB 161
GC/HRMS	EPA 1668A/1668C	PCB 162
GC/HRMS	EPA 1668A/1668C	PCB 163
GC/HRMS	EPA 1668A/1668C	PCB 164
GC/HRMS	EPA 1668A/1668C	PCB 165
GC/HRMS	EPA 1668A/1668C	PCB 166
GC/HRMS	EPA 1668A/1668C	PCB 167
GC/HRMS	EPA 1668A/1668C	PCB 168
GC/HRMS	EPA 1668A/1668C	PCB 169
GC/HRMS	EPA 1668A/1668C	PCB 170
GC/HRMS	EPA 1668A/1668C	PCB 171
GC/HRMS	EPA 1668A/1668C	PCB 172
GC/HRMS	EPA 1668A/1668C	PCB 173
GC/HRMS	EPA 1668A/1668C	PCB 174
GC/HRMS	EPA 1668A/1668C	PCB 175
GC/HRMS	EPA 1668A/1668C	PCB 176
GC/HRMS	EPA 1668A/1668C	PCB 177
GC/HRMS	EPA 1668A/1668C	PCB 178

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/HRMS	EPA 1668A/1668C	PCB 179
GC/HRMS	EPA 1668A/1668C	PCB 180
GC/HRMS	EPA 1668A/1668C	PCB 181
GC/HRMS	EPA 1668A/1668C	PCB 182
GC/HRMS	EPA 1668A/1668C	PCB 183
GC/HRMS	EPA 1668A/1668C	PCB 184
GC/HRMS	EPA 1668A/1668C	PCB 185
GC/HRMS	EPA 1668A/1668C	PCB 186
GC/HRMS	EPA 1668A/1668C	PCB 187
GC/HRMS	EPA 1668A/1668C	PCB 188
GC/HRMS	EPA 1668A/1668C	PCB 189
GC/HRMS	EPA 1668A/1668C	PCB 190
GC/HRMS	EPA 1668A/1668C	PCB 191
GC/HRMS	EPA 1668A/1668C	PCB 192
GC/HRMS	EPA 1668A/1668C	PCB 193
GC/HRMS	EPA 1668A/1668C	PCB 194
GC/HRMS	EPA 1668A/1668C	PCB 195
GC/HRMS	EPA 1668A/1668C	PCB 196
GC/HRMS	EPA 1668A/1668C	PCB 197
GC/HRMS	EPA 1668A/1668C	PCB 198
GC/HRMS	EPA 1668A/1668C	PCB 199
GC/HRMS	EPA 1668A/1668C	PCB 200
GC/HRMS	EPA 1668A/1668C	PCB 201
GC/HRMS	EPA 1668A/1668C	PCB 202
GC/HRMS	EPA 1668A/1668C	PCB 203
GC/HRMS	EPA 1668A/1668C	PCB 204
GC/HRMS	EPA 1668A/1668C	PCB 205
GC/HRMS	EPA 1668A/1668C	PCB 206
GC/HRMS	EPA 1668A/1668C	PCB 207
GC/HRMS	EPA 1668A/1668C	PCB 208
GC/HRMS	EPA 1668A/1668C	PCB 209
Preparation	**Method**	**Type**
Acid Digestion (Aqueous)	EPA 3005A/3010A	Inorganics
Separatory Funnel Liquid-Liquid Extraction	EPA 3510C	Semivolatile and Non-Volatile Organics
Solid Phase Extraction	EPA 3535A	Semivolatile and Non-Volatile Organics
Purge and Trap	EPA 5030B/5030C	Volatile Organic Compounds

Non-Potable Water		
Technology	**Method**	**Analyte**
Florisil Cleanup	EPA 3620B/3620C	Cleanup of pesticide residues and other chlorinated hydrocarbons
Sulfur Cleanup	EPA 3660A	Sulfur Cleanup
Sulfuric Acid Cleanup	EPA 3665A	Sulfuric Acid Cleanup for PCBs
Silica Gel Cleanup	EPA 3630C	Column Cleanup

Drinking Water		
Technology	**Method**	**Analyte**
LC/MS/MS	EPA 537	Perfluorobutane Sulfonic Acid (PFBS)
LC/MS/MS	EPA 537	Perfluoroheptanoic acid (PFHpA)
LC/MS/MS	EPA 537	Perfluorohexane Sulfonic Acid (PFHxS)
LC/MS/MS	EPA 537	Perfluorononanoic acid (PFNA)
LC/MS/MS	EPA 537	Perfluorooctanoic acid (PFOA)
LC/MS/MS	EPA 537	Perfluorooctane Sulfonic Acid(PFOS)
Preparation	**Method**	**Type**
Solid Phase Extraction	EPA 537	Perfluoro compounds in Drinking Water

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
ICP-AES	EPA 6010B/6010C	Aluminum
ICP-AES	EPA 6010B/6010C	Antimony
ICP-AES	EPA 6010B/6010C	Arsenic
ICP-AES	EPA 6010B/6010C	Barium
ICP-AES	EPA 6010B/6010C	Beryllium
ICP-AES	EPA 6010B/6010C	Boron
ICP-AES	EPA 6010B/6010C	Cadmium
ICP-AES	EPA 6010B/6010C	Calcium
ICP-AES	EPA 6010B/6010C	Chromium (Total)
ICP-AES	EPA 6010B/6010C	Cobalt
ICP-AES	EPA 6010B/6010C	Copper
ICP-AES	EPA 6010B/6010C	Iron
ICP-AES	EPA 6010B/6010C	Lead
ICP-AES	EPA 6010B/6010C	Magnesium

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
ICP-AES	EPA 6010B/6010C	Manganese
ICP-AES	EPA 6010B/6010C	Molybdenum
ICP-AES	EPA 6010B/6010C	Nickel
ICP-AES	EPA 6010B/6010C	Potassium
ICP-AES	EPA 6010B/6010C	Selenium
ICP-AES	EPA 6010B/6010C	Silver
ICP-AES	EPA 6010B/6010C	Sodium
ICP-AES	EPA 6010B/6010C	Thallium
ICP-AES	EPA 6010B/6010C	Tin
ICP-AES	EPA 6010B/6010C	Titanium
ICP-AES	EPA 6010B/6010C	Vanadium
ICP-AES	EPA 6010B/6010C	Zinc
ICP-MS	EPA 6020/6020A	Aluminum
ICP-MS	EPA 6020/6020A	Antimony
ICP-MS	EPA 6020/6020A	Arsenic
ICP-MS	EPA 6020/6020A	Barium
ICP-MS	EPA 6020/6020A	Beryllium
ICP-MS	EPA 6020/6020A	Cadmium
ICP-MS	EPA 6020/6020A	Calcium
ICP-MS	EPA 6020/6020A	Chromium (Total)
ICP-MS	EPA 6020/6020A	Cobalt
ICP-MS	EPA 6020/6020A	Copper
ICP-MS	EPA 6020/6020A	Iron
ICP-MS	EPA 6020/6020A	Lead
ICP-MS	EPA 6020/6020A	Magnesium
ICP-MS	EPA 6020/6020A	Manganese
ICP-MS	EPA 6020/6020A	Molybdenum
ICP-MS	EPA 6020/6020A	Nickel
ICP-MS	EPA 6020/6020A	Phosphorus
ICP-MS	EPA 6020/6020A	Potassium
ICP-MS	EPA 6020/6020A	Selenium
ICP-MS	EPA 6020/6020A	Silver
ICP-MS	EPA 6020/6020A	Sodium
ICP-MS	EPA 6020/6020A	Strontium
ICP-MS	EPA 6020/6020A	Thallium
ICP-MS	EPA 6020/6020A	Tin

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
ICP-MS	EPA 6020/6020A	Titanium
ICP-MS	EPA 6020/6020A	Uranium
ICP-MS	EPA 6020/6020A	Vanadium
ICP-MS	EPA 6020/6020A	Zinc
CVAAS	EPA 7471A/7471B	Mercury
Colorimetric	EPA 353.2	Nitrate
Colorimetric	EPA 353.2	Nitrate-nitrite
Colorimetric	EPA 353.2	Nitrite
Colorimetric/Hydrolysis	EPA 353.2 Modified /WS-WC-0050	Nitrocellulose
LC/MS/MS	EPA 6850	Perchlorate
Probe	EPA 9045C/9045D	pH
Ion Chromatography	EPA 9056A/300.0	Bromide
Ion Chromatography	EPA 9056A/300.0	Chloride
Ion Chromatography	EPA 9056A/300.0	Fluoride
Ion Chromatography	EPA 9056A/300.0	Sulfate
Ion Chromatography	EPA 9056A/300.0	Nitrate
Ion Chromatography	EPA 9056A/300.0	Nitrite
Gravimetric	ASTM D2216	%Moisture
GC/MS	EPA 8260B/8260C	1,1,1,2-Tetrachloroethane
GC/MS	EPA 8260B/8260C	1,1,1-Trichloroethane
GC/MS	EPA 8260B/8260C	1,1,2,2-Tetrachloroethane
GC/MS	EPA 8260B/8260C	1,1,2-Trichloroethane
GC/MS	EPA 8260B/8260C	1,1,2-Trichloro-1,2,2-trifluoroethane
GC/MS	EPA 8260B/8260C	1,1-Dichloroethane
GC/MS	EPA 8260B/8260C	1,1-Dichloroethene
GC/MS	EPA 8260B/8260C	1,1-Dichloropropene
GC/MS	EPA 8260B/8260C	1,2,3-Trichlorobenzene
GC/MS	EPA 8260B/8260C	1,2,3-Trichloropropane
GC/MS	EPA 8260B/8260C	1,2,4-Trichlorobenzene
GC/MS	EPA 8260B/8260C	1,2,4-Trimethylbenzene
GC/MS	EPA 8260B/8260C	1,2-Dibromo-3-chloropropane
GC/MS	EPA 8260B/8260C	1,2-Dibromoethane
GC/MS	EPA 8260B/8260C	1,2-Dichlorobenzene
GC/MS	EPA 8260B/8260C	1,2-Dichloroethane
GC/MS	EPA 8260B/8260C	1,2-Dichloropropane
GC/MS	EPA 8260B/8260C	1,3,5-Trimethylbenzene

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC/MS	EPA 8260B/8260C	1,3-Dichlorobenzene
GC/MS	EPA 8260B/8260C	1,3-Dichloropropane
GC/MS	EPA 8260B/8260C	1,4-Dichlorobenzene
GC/MS	EPA 8260B/8260C	1-Chlorohexane
GC/MS	EPA 8260B/8260C	2,2-Dichloropropane
GC/MS	EPA 8260B/8260C	2-Butanone (MEK)
GC/MS	EPA 8260B/8260C	2-Chlorotoluene
GC/MS	EPA 8260B/8260C	2-Hexanone (MBK)
GC/MS	EPA 8260B/8260C	2-Methyl-2-propanol (tert- Butyl Alcohol, TBA)
GC/MS	EPA 8260B/8260C	4-Chlorotoluene
GC/MS	EPA 8260B/8260C	4-Isopropyltoluene
GC/MS	EPA 8260B/8260C	4-Methyl-2-pentanone (MIBK)
GC/MS	EPA 8260B/8260C	Acetone
GC/MS	EPA 8260B/8260C	Allyl Chloride
GC/MS	EPA 8260B/8260C	Benzene
GC/MS	EPA 8260B/8260C	Bromobenzene
GC/MS	EPA 8260B/8260C	Bromochloromethane
GC/MS	EPA 8260B/8260C	Bromodichloromethane
GC/MS	EPA 8260B/8260C	Bromoform
GC/MS	EPA 8260B/8260C	Bromomethane
GC/MS	EPA 8260B/8260C	Carbon Disulfide
GC/MS	EPA 8260B/8260C	Carbon Tetrachloride
GC/MS	EPA 8260B/8260C	Chlorobenzene
GC/MS	EPA 8260B/8260C	Chloroethane
GC/MS	EPA 8260B/8260C	Chloroform
GC/MS	EPA 8260B/8260C	Chloromethane
GC/MS	EPA 8260B/8260C	cis-1,2-Dichloroethene
GC/MS	EPA 8260B/8260C	cis-1,3-Dichloropropene
GC/MS	EPA 8260B/8260C	Cyclohexane
GC/MS	EPA 8260B/8260C	Dibromochloromethane
GC/MS	EPA 8260B/8260C	Dibromomethane
GC/MS	EPA 8260B/8260C	Dichlorodifluoromethane
GC/MS	EPA 8260B/8260C	Diisopropyl Ether (DIPE)
GC/MS	EPA 8260B/8260C	Ethylbenzene
GC/MS	EPA 8260B/8260C	Ethylmethacrylate
GC/MS	EPA 8260B/8260C	Ethyl tert-butyl Ether (ETBE)

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC/MS	EPA 8260B/8260C	Hexachlorobutadiene
GC/MS	EPA 8260B/8260C	Hexane
GC/MS	EPA 8260B/8260C	Iodomethane
GC/MS	EPA 8260B/8260C	Isobutanol (2-Methyl-1-propanol)
GC/MS	EPA 8260B/8260C	Isopropylbenzene
GC/MS	EPA 8260B/8260C	m & p Xylene
GC/MS	EPA 8260B/8260C	Methyl tert-butyl Ether (MTBE)
GC/MS	EPA 8260B/8260C	Methylene Chloride
GC/MS	EPA 8260B/8260C	Naphthalene
GC/MS	EPA 8260B/8260C	n-Butylbenzene
GC/MS	EPA 8260B/8260C	n-Propylbenzene
GC/MS	EPA 8260B/8260C	o-Xylene
GC/MS	EPA 8260B/8260C	sec-Butylbenzene
GC/MS	EPA 8260B/8260C	Styrene
GC/MS	EPA 8260B/8260C	t-Amyl methyl Ether (TAME)
GC/MS	EPA 8260B/8260C	t-1,4-Dichloro-2-Butene
GC/MS	EPA 8260B/8260C	tert-Butylbenzene
GC/MS	EPA 8260B/8260C	Tetrachloroethene
GC/MS	EPA 8260B/8260C	Toluene
GC/MS	EPA 8260B/8260C	trans-1,2-Dichloroethene
GC/MS	EPA 8260B/8260C	trans-1,3-Dichloropropene
GC/MS	EPA 8260B/8260C	Trichloroethene
GC/MS	EPA 8260B/8260C	Trichlorofluoromethane
GC/MS	EPA 8260B/8260C	Vinyl Acetate
GC/MS	EPA 8260B/8260C	Vinyl Chloride
GC/MS	EPA 8260B/8260C	Xylenes, Total
GC/MS	EPA 8260B/AK101MS	Gasoline Range Organics (GRO)
GC/MS	EPA 8270C/8270D	1,2,4,5-Tetrachlorobenzene
GC/MS	EPA 8270C/8270D	1,2,4-Trichlorobenzene
GC/MS	EPA 8270C/8270D	1,2-Dichlorobenzene
GC/MS	EPA 8270C/8270D	1,2-Diphenylhydrazine (as Azobenzene)
GC/MS	EPA 8270C/8270D	1,3-Dichlorobenzene
GC/MS	EPA 8270C/8270D	1,3-Dinitrobenzene
GC/MS	EPA 8270C/8270D	1,4-Dichlorobenzene
GC/MS	EPA 8270C/8270D	1-Methylnaphthalene
GC/MS	EPA 8270C/8270D	2,3,4,6-Tetrachlorophenol

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC/MS	EPA 8270C/8270D	2,4,5-Trichlorophenol
GC/MS	EPA 8270C/8270D	2,4,6-Trichlorophenol
GC/MS	EPA 8270C/8270D	2,4-Dichlorophenol
GC/MS	EPA 8270C/8270D	2,4-Dimethylphenol
GC/MS	EPA 8270C/8270D	2,4-Dinitrophenol
GC/MS	EPA 8270C/8270D	2,4-Dinitrotoluene
GC/MS	EPA 8270C/8270D	2,6-Dichlorophenol
GC/MS	EPA 8270C/8270D	2,6-Dinitrotoluene
GC/MS	EPA 8270C/8270D	2-Chloronaphthalene
GC/MS	EPA 8270C/8270D	2-Chlorophenol
GC/MS	EPA 8270C/8270D	2-Methylnaphthalene
GC/MS	EPA 8270C/8270D	2-Methylphenol
GC/MS	EPA 8270C/8270D	2-Nitroaniline
GC/MS	EPA 8270C/8270D	2-Nitrophenol
GC/MS	EPA 8270C/8270D	3&4-Methylphenol
GC/MS	EPA 8270C/8270D	3,3'-Dichlorobenzidine
GC/MS	EPA 8270C/8270D	3-Nitroaniline
GC/MS	EPA 8270C/8270D	4,6-Dinitro-2-methylphenol
GC/MS	EPA 8270C/8270D	4-Bromophenyl phenyl ether
GC/MS	EPA 8270C/8270D	4-Chloro-3-methylphenol
GC/MS	EPA 8270C/8270D	4-Chloroaniline
GC/MS	EPA 8270C/8270D	4-Chlorophenyl phenyl ether
GC/MS	EPA 8270C/8270D	4-Nitroaniline
GC/MS	EPA 8270C/8270D	4-Nitrophenol
GC/MS	EPA 8270C/8270D	Acenaphthene
GC/MS	EPA 8270C/8270D	Acenaphthylene
GC/MS	EPA 8270C/8270D	Aniline
GC/MS	EPA 8270C/8270D	Anthracene
GC/MS	EPA 8270C/8270D	Benzo(a)anthracene
GC/MS	EPA 8270C/8270D	Benzo(a)pyrene
GC/MS	EPA 8270C/8270D	Benzo(b)fluoranthene
GC/MS	EPA 8270C/8270D	Benzo(g,h,i)perylene
GC/MS	EPA 8270C/8270D	Benzo(k)fluoranthene
GC/MS	EPA 8270C/8270D	Benzoic Acid
GC/MS	EPA 8270C/8270D	Benzyl Alcohol
GC/MS	EPA 8270C/8270D	Benzyl butyl Phthalate

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC/MS	EPA 8270C/8270D	Biphenyl
GC/MS	EPA 8270C/8270D	Bis(2-chloroethoxy) Methane
GC/MS	EPA 8270C/8270D	Bis(2-chloroethyl) Ether
GC/MS	EPA 8270C/8270D	Bis(2-chloroisopropyl) Ether
GC/MS	EPA 8270C/8270D	Carbazole
GC/MS	EPA 8270C/8270D	Chrysene
GC/MS	EPA 8270C/8270D	Bis (2-ethylhexyl) Phthalate
GC/MS	EPA 8270C/8270D	Dibenz(a,h)anthracene
GC/MS	EPA 8270C/8270D	Dibenzofuran
GC/MS	EPA 8270C/8270D	Diethyl Phthalate
GC/MS	EPA 8270C/8270D	Dimethyl Phthalate
GC/MS	EPA 8270C/8270D	Di-n-butyl Phthalate
GC/MS	EPA 8270C/8270D	Di-n-octyl Phthalate
GC/MS	EPA 8270C/8270D	Fluoranthene
GC/MS	EPA 8270C/8270D	Fluorene
GC/MS	EPA 8270C/8270D	Hexachlorobenzene
GC/MS	EPA 8270C/8270D	Hexachlorobutadiene
GC/MS	EPA 8270C/8270D	Hexachlorocyclopentadiene
GC/MS	EPA 8270C/8270D	Hexachloroethane
GC/MS	EPA 8270C/8270D	Indeno(1,2,3-c,d) Pyrene
GC/MS	EPA 8270C/8270D	Isophorone
GC/MS	EPA 8270C/8270D	Naphthalene
GC/MS	EPA 8270C/8270D	Nitrobenzene
GC/MS	EPA 8270C/8270D	n-Nitrosodimethylamine
GC/MS	EPA 8270C/8270D	n-Nitrosodi-n-propylamine
GC/MS	EPA 8270C/8270D	n-Nitrosodiphenylamine
GC/MS	EPA 8270C/8270D	Pentachlorophenol
GC/MS	EPA 8270C/8270D	Phenanthrene
GC/MS	EPA 8270C/8270D	Phenol
GC/MS	EPA 8270C/8270D	Pyrene
GC/MS	EPA 8270C/8270D	Pyridine
GC/MS SIM	EPA 8260C-SIM	1,1,2-Trichloroethane
GC/MS SIM	EPA 8260C-SIM	1,1,2,2-Tetrachloroethane
GC/MS SIM	EPA 8260C-SIM	1,2,3-Trichloropropane
GC/MS SIM	EPA 8260C-SIM	1,2-Dibromoethane
GC/MS SIM	EPA 8260C-SIM	1,2-Dichloroethane

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC/MS SIM	EPA 8260C-SIM	1,3-Butadiene
GC/MS SIM	EPA 8260C-SIM	1,4-Dichlorobenzene
GC/MS SIM	EPA 8260C-SIM	Benzene
GC/MS SIM	EPA 8260C-SIM	Bromodichloromethane
GC/MS SIM	EPA 8260C-SIM	Bromoform
GC/MS SIM	EPA 8260C-SIM	Bromomethane
GC/MS SIM	EPA 8260C-SIM	Chloroform
GC/MS SIM	EPA 8260C-SIM	Dibromochloromethane
GC/MS SIM	EPA 8260C-SIM	Dibromomethane
GC/MS SIM	EPA 8260C-SIM	Hexachlorobutadiene
GC/MS SIM	EPA 8260C-SIM	Naphthalene
GC/MS SIM	EPA 8260C-SIM	Tetrachloroethene
GC/MS SIM	EPA 8260C-SIM	Trichloroethene
GC/MS SIM	EPA 8260C-SIM	Vinyl Chloride
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	1-Methylnaphthalene
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	2-Methylnaphthalene
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	Acenaphthene
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	Acenaphthylene
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	Anthracene
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	Benzo(a)anthracene
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	Benzo(a)pyrene
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	Benzo(b)fluoranthene
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	Benzo(g,h,i)perylene
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	Benzo(k)fluoranthene
GC/MS SIM	EPA 8270D-SIM	Bis(2-chloroethyl) Ether
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	Chrysene
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	Dibenz(a,h)anthracene

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	Fluoranthene
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	Fluorene
GC/MS SIM	EPA 8270D-SIM	Hexachlorobenzene
GC/MS SIM	EPA 8270D-SIM	Hexachlorocyclopentadiene
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	Indeno(1,2,3-c,d) Pyrene
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	Naphthalene
GC/MS SIM	EPA 8270D-SIM	n-Nitrosodi-n-propylamine
GC/MS SIM	EPA 8270D-SIM	Pentachlorophenol
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	Phenanthrene
GC/MS SIM	EPA 8270C-SIM EPA 8270D-SIM	Pyrene
GC/MS SIM	EPA 521 Modified / WS-MS-0012	N-Nitrosodimethyl amine (NDMA)
GC-FID	EPA 8015B/8015C/8015D AK102	Diesel Range Organics (DRO)
GC-FID	AK103	Residual Range Organics
GC-FID	EPA 8015B/8015C/8015D	Motor Oil Range Organics (MRO)
GC-ECD	EPA 8081A/8081B	Aldrin
GC-ECD	EPA 8081A/8081B	a-BHC
GC-ECD	EPA 8081A/8081B	b-BHC
GC-ECD	EPA 8081A/8081B	d-BHC
GC-ECD	EPA 8081A/8081B	g-BHC (Lindane)
GC-ECD	EPA 8081A/8081B	a-Chlordane
GC-ECD	EPA 8081A/8081B	g-Chlordane
GC-ECD	EPA 8081A/8081B	4,4'-DDD
GC-ECD	EPA 8081A/8081B	4,4'-DDE
GC-ECD	EPA 8081A/8081B	4,4'-DDT
GC-ECD	EPA 8081A/8081B	Dieldrin
GC-ECD	EPA 8081A/8081B	Endosulfan I
GC-ECD	EPA 8081A/8081B	Endosulfan II
GC-ECD	EPA 8081A/8081B	Endosulfan sulfate
GC-ECD	EPA 8081A/8081B	Endrin
GC-ECD	EPA 8081A/8081B	Endrin Aldehyde

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC-ECD	EPA 8081A/8081B	Endrin Ketone
GC-ECD	EPA 8081A/8081B	Heptachlor
GC-ECD	EPA 8081A/8081B	Heptachlor Epoxide
GC-ECD	EPA 8081A/8081B	Methoxychlor
GC-ECD	EPA 8081A/8081B	Toxaphene
GC-ECD	EPA 8081A/8081B	Chlordane (technical)
GC-ECD	EPA 8082/8082A	PCB-1016
GC-ECD	EPA 8082/8082A	PCB-1221
GC-ECD	EPA 8082/8082A	PCB-1232
GC-ECD	EPA 8082/8082A	PCB-1242
GC-ECD	EPA 8082/8082A	PCB-1248
GC-ECD	EPA 8082/8082A	PCB-1254
GC-ECD	EPA 8082/8082A	PCB-1260
GC-ECD	EPA 8082/8082A	PCB-1262
GC-ECD	EPA 8082/8082A	PCB-1268
GC/MS	EPA 8280A/8280B	2,3,7,8-TeCDD
GC/MS	EPA 8280A/8280B	1,2,3,7,8-PeCDD
GC/MS	EPA 8280A/8280B	1,2,3,4,7,8-HxCDD
GC/MS	EPA 8280A/8280B	1,2,3,6,7,8-HxCDD
GC/MS	EPA 8280A/8280B	1,2,3,7,8,9-HxCDD
GC/MS	EPA 8280A/8280B	1,2,3,4,6,7,8-HpCDD
GC/MS	EPA 8280A/8280B	OCDD
GC/MS	EPA 8280A/8280B	2,3,7,8-TeCDF
GC/MS	EPA 8280A/8280B	1,2,3,7,8-PeCDF
GC/MS	EPA 8280A/8280B	2,3,4,7,8-PeCDF
GC/MS	EPA 8280A/8280B	1,2,3,4,7,8-HxCDF
GC/MS	EPA 8280A/8280B	1,2,3,6,7,8-HxCDF
GC/MS	EPA 8280A/8280B	1,2,3,7,8,9-HxCDF
GC/MS	EPA 8280A/8280B	2,3,4,6,7,8-HxCDF
GC/MS	EPA 8280A/8280B	1,2,3,4,6,7,8-HpCDF
GC/MS	EPA 8280A/8280B	1,2,3,4,7,8,9-HpCDF
GC/MS	EPA 8280A/8280B	OCDF
GC/MS	EPA 8280A/8280B	Total TCDD
GC/MS	EPA 8280A/8280B	Total PeCDD
GC/MS	EPA 8280A/8280B	Total HxCDD
GC/MS	EPA 8280A/8280B	Total HeptaCDD

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC/MS	EPA 8280A/8280B	Total TCDF
GC/MS	EPA 8280A/8280B	Total PeCDF
GC/MS	EPA 8280A/8280B	Total HxCDF
GC/MS	EPA 8280A/8280B	Total HpCDF
GC/HRMS	EPA 8290/ 8290A/1613B	2,3,7,8-TeCDD
GC/HRMS	EPA 8290/ 8290A/1613B	1,2,3,7,8-PeCDD
GC/HRMS	EPA 8290/ 8290A/1613B	1,2,3,4,7,8-HxCDD
GC/HRMS	EPA 8290/ 8290A/1613B	1,2,3,6,7,8-HxCDD
GC/HRMS	EPA 8290/ 8290A/1613B	1,2,3,7,8,9-HxCDD
GC/HRMS	EPA 8290/ 8290A/1613B	1,2,3,4,6,7,8-HpCDD
GC/HRMS	EPA 8290/ 8290A/1613B	OCDD
GC/HRMS	EPA 8290/ 8290A/1613B	2,3,7,8-TeCDF
GC/HRMS	EPA 8290/ 8290A/1613B	1,2,3,7,8-PeCDF
GC/HRMS	EPA 8290/ 8290A/1613B	2,3,4,7,8-PeCDF
GC/HRMS	EPA 8290/ 8290A/1613B	1,2,3,4,7,8-HxCDF
GC/HRMS	EPA 8290/ 8290A/1613B	1,2,3,6,7,8-HxCDF
GC/HRMS	EPA 8290/ 8290A/1613B	1,2,3,7,8,9-HxCDF
GC/HRMS	EPA 8290/ 8290A/1613B	2,3,4,6,7,8-HxCDF
GC/HRMS	EPA 8290/ 8290A/1613B	1,2,3,4,6,7,8-HpCDF
GC/HRMS	EPA 8290/ 8290A/1613B	1,2,3,4,7,8,9-HpCDF
GC/HRMS	EPA 8290/ 8290A/1613B	OCDF
GC/HRMS	EPA 8290/ 8290A/1613B	Total TCDD
GC/HRMS	EPA 8290/ 8290A/1613B	Total PeCDD
GC/HRMS	EPA 8290/ 8290A/1613B	Total HxCDD
GC/HRMS	EPA 8290/ 8290A/1613B	Total HpCDD
GC/HRMS	EPA 8290/ 8290A/1613B	Total TCDF
GC/HRMS	EPA 8290/ 8290A/1613B	Total PeCDF
GC/HRMS	EPA 8290/ 8290A/1613B	Total HxCDF
GC/HRMS	EPA 8290/ 8290A/1613B	Total HpCDF
HPLC/UV	EPA 8330A/8330B	2-Amino-4,6-dinitrotoluene
HPLC/UV	EPA 8330A/8330B	4-Amino-2,6-dinitrotoluene
HPLC/UV	EPA 8330A/8330B	3,5-Dinitroaniline
HPLC/UV	EPA 8330A/8330B	1,3-Dinitrobenzene
HPLC/UV	EPA 8330A/8330B	2,4-Dinitrotoluene
HPLC/UV	EPA 8330A/8330B	2,6-Dinitrotoluene
HPLC/UV	EPA 8330A/8330B	Glycerol trinitrate (Nitroglycerin)

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
HPLC/UV	EPA 8330A/8330B	Hexahydro-1,3,5-trinitro- 1,3,5-triazine (Hexogen)
HPLC/UV	EPA 8330A/8330B	Methyl-2,4,6- trinitrophenylnitramine
HPLC/UV	EPA 8330A/8330B	Nitrobenzene
HPLC/UV	EPA 8330A/8330B	2-Nitrotoluene (o-Nitrotoluene)
HPLC/UV	EPA 8330A/8330B	3-Nitrotoluene (m-Nitrotoluene)
HPLC/UV	EPA 8330A/8330B	4-Nitrotoluene (p-Nitrotoluene)
HPLC/UV	EPA 8330A/8330B	Octahydro-1,3,5,7- tetranitro1,3,5,7-tetracine (Octogen)
HPLC/UV	EPA 8330A/8330B	Picric acid
HPLC/UV	EPA 8330A/8330B	Pentaerythritol Tetranitrate
HPLC/UV	EPA 8330A/8330B	1,3,5-Trinitrobenzene
HPLC/UV	EPA 8330A/8330B	2,4,6-Trinitrotoluene
HPLC/UV	EPA 8330A/8330B	Hexahydro-1,3-dinitroso-5- nitro-1,3,5,triazine (DNX)
HPLC/UV	EPA 8330A/8330B	Hexahydro-1,3,5-trinitroso- 1,3,5-triazine (TNX)
HPLC/UV	EPA 8330A/8330B	1-Nitroso-3,5-dinitro-1,3,5- triazacyclohexane (MNX)
HPLC/UV	EPA 8330A Modified / WS-LC-0010	Nitroguanidine
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	6:2 Fluorotelomer sulfonate (6:2 FTS)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	8:2 Fluorotelomer sulfonate (8:2 FTS)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	N-Ethyl perfluorooctanesulfon amidacetic acid (EtFOSAA)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	N-Methyl perfluorooctanesulfon amidoacetic acide (MeFOSAA)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	Perfluorooctanoic acid (PFOA)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	Perfluorooctane Sulfonic Acid (PFOS)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant /	Perfluorobutyric acid (PFBA)

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
	WS-LC-0025	
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	Perfluoropentanoic acid (PFPA)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	Perfluorohexanoic acid (PFHxA)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	Perfluoroheptanoic acid (PFHpA)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	Perfluorononanoic acid (PFNA)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	Perfluorodecanoic acid (PFDA)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	Perfluoroundecanoic acid (PFUDA)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	Perfluorododecanoic acid (PFDoDA)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	Perfluorotridecanoic acid (PFTriA)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	Perfluorotetradecanoic acid (PDTeA)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	Perfluorobutane Sulfonic Acid (PFBS)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	Perfluorohexane Sulfonic Acid (PFHxS)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	Perfluoroheptane Sulfonic Acid (PFHpS)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant / WS-LC-0025	Perfluorodecane Sulfonic Acid (PFDS)
LC/MS/MS	EPA 537 Modified-Table B15 Compliant /	Perfluoroocatane Sulfonamide (FOSA)

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
	WS-LC-0025	
GC/HRMS	EPA 1668A/1668C	PCB 1
GC/HRMS	EPA 1668A/1668C	PCB 2
GC/HRMS	EPA 1668A/1668C	PCB 3
GC/HRMS	EPA 1668A/1668C	PCB 4
GC/HRMS	EPA 1668A/1668C	PCB 5
GC/HRMS	EPA 1668A/1668C	PCB 6
GC/HRMS	EPA 1668A/1668C	PCB 7
GC/HRMS	EPA 1668A/1668C	PCB 8
GC/HRMS	EPA 1668A/1668C	PCB 9
GC/HRMS	EPA 1668A/1668C	PCB 10
GC/HRMS	EPA 1668A/1668C	PCB 11
GC/HRMS	EPA 1668A/1668C	PCB 12
GC/HRMS	EPA 1668A/1668C	PCB 13
GC/HRMS	EPA 1668A/1668C	PCB 14
GC/HRMS	EPA 1668A/1668C	PCB 15
GC/HRMS	EPA 1668A/1668C	PCB 16
GC/HRMS	EPA 1668A/1668C	PCB 17
GC/HRMS	EPA 1668A/1668C	PCB 18
GC/HRMS	EPA 1668A/1668C	PCB 19
GC/HRMS	EPA 1668A/1668C	PCB 20
GC/HRMS	EPA 1668A/1668C	PCB 21
GC/HRMS	EPA 1668A/1668C	PCB 22
GC/HRMS	EPA 1668A/1668C	PCB 23
GC/HRMS	EPA 1668A/1668C	PCB 24
GC/HRMS	EPA 1668A/1668C	PCB 25
GC/HRMS	EPA 1668A/1668C	PCB 26
GC/HRMS	EPA 1668A/1668C	PCB 27
GC/HRMS	EPA 1668A/1668C	PCB 28
GC/HRMS	EPA 1668A/1668C	PCB 29
GC/HRMS	EPA 1668A/1668C	PCB 30
GC/HRMS	EPA 1668A/1668C	PCB 32
GC/HRMS	EPA 1668A/1668C	PCB 31
GC/HRMS	EPA 1668A/1668C	PCB 33
GC/HRMS	EPA 1668A/1668C	PCB 34
GC/HRMS	EPA 1668A/1668C	PCB 35

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC/HRMS	EPA 1668A/1668C	PCB 36
GC/HRMS	EPA 1668A/1668C	PCB 37
GC/HRMS	EPA 1668A/1668C	PCB 38
GC/HRMS	EPA 1668A/1668C	PCB 39
GC/HRMS	EPA 1668A/1668C	PCB 40
GC/HRMS	EPA 1668A/1668C	PCB 41
GC/HRMS	EPA 1668A/1668C	PCB 42
GC/HRMS	EPA 1668A/1668C	PCB 43
GC/HRMS	EPA 1668A/1668C	PCB 44
GC/HRMS	EPA 1668A/1668C	PCB 45
GC/HRMS	EPA 1668A/1668C	PCB 46
GC/HRMS	EPA 1668A/1668C	PCB 47
GC/HRMS	EPA 1668A/1668C	PCB 48
GC/HRMS	EPA 1668A/1668C	PCB 49
GC/HRMS	EPA 1668A/1668C	PCB 50
GC/HRMS	EPA 1668A/1668C	PCB 51
GC/HRMS	EPA 1668A/1668C	PCB 52
GC/HRMS	EPA 1668A/1668C	PCB 53
GC/HRMS	EPA 1668A/1668C	PCB 54
GC/HRMS	EPA 1668A/1668C	PCB 55
GC/HRMS	EPA 1668A/1668C	PCB 56
GC/HRMS	EPA 1668A/1668C	PCB 57
GC/HRMS	EPA 1668A/1668C	PCB 58
GC/HRMS	EPA 1668A/1668C	PCB 59
GC/HRMS	EPA 1668A/1668C	PCB 60
GC/HRMS	EPA 1668A/1668C	PCB 61
GC/HRMS	EPA 1668A/1668C	PCB 62
GC/HRMS	EPA 1668A/1668C	PCB 63
GC/HRMS	EPA 1668A/1668C	PCB 64
GC/HRMS	EPA 1668A/1668C	PCB 65
GC/HRMS	EPA 1668A/1668C	PCB 66
GC/HRMS	EPA 1668A/1668C	PCB 67
GC/HRMS	EPA 1668A/1668C	PCB 68
GC/HRMS	EPA 1668A/1668C	PCB 69
GC/HRMS	EPA 1668A/1668C	PCB 70
GC/HRMS	EPA 1668A/1668C	PCB 71

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC/HRMS	EPA 1668A/1668C	PCB 72
GC/HRMS	EPA 1668A/1668C	PCB 73
GC/HRMS	EPA 1668A/1668C	PCB 74
GC/HRMS	EPA 1668A/1668C	PCB 75
GC/HRMS	EPA 1668A/1668C	PCB 76
GC/HRMS	EPA 1668A/1668C	PCB 77
GC/HRMS	EPA 1668A/1668C	PCB 78
GC/HRMS	EPA 1668A/1668C	PCB 79
GC/HRMS	EPA 1668A/1668C	PCB 80
GC/HRMS	EPA 1668A/1668C	PCB 81
GC/HRMS	EPA 1668A/1668C	PCB 82
GC/HRMS	EPA 1668A/1668C	PCB 83
GC/HRMS	EPA 1668A/1668C	PCB 84
GC/HRMS	EPA 1668A/1668C	PCB 85
GC/HRMS	EPA 1668A/1668C	PCB 86
GC/HRMS	EPA 1668A/1668C	PCB 87
GC/HRMS	EPA 1668A/1668C	PCB 88
GC/HRMS	EPA 1668A/1668C	PCB 89
GC/HRMS	EPA 1668A/1668C	PCB 90
GC/HRMS	EPA 1668A/1668C	PCB 91
GC/HRMS	EPA 1668A/1668C	PCB 92
GC/HRMS	EPA 1668A/1668C	PCB 93
GC/HRMS	EPA 1668A/1668C	PCB 94
GC/HRMS	EPA 1668A/1668C	PCB 95
GC/HRMS	EPA 1668A/1668C	PCB 96
GC/HRMS	EPA 1668A/1668C	PCB 97
GC/HRMS	EPA 1668A/1668C	PCB 98
GC/HRMS	EPA 1668A/1668C	PCB 99
GC/HRMS	EPA 1668A/1668C	PCB 100
GC/HRMS	EPA 1668A/1668C	PCB 101
GC/HRMS	EPA 1668A/1668C	PCB 102
GC/HRMS	EPA 1668A/1668C	PCB 103
GC/HRMS	EPA 1668A/1668C	PCB 104
GC/HRMS	EPA 1668A/1668C	PCB 105
GC/HRMS	EPA 1668A/1668C	PCB 106
GC/HRMS	EPA 1668A/1668C	PCB 107

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC/HRMS	EPA 1668A/1668C	PCB 108
GC/HRMS	EPA 1668A/1668C	PCB 109
GC/HRMS	EPA 1668A/1668C	PCB 110
GC/HRMS	EPA 1668A/1668C	PCB 111
GC/HRMS	EPA 1668A/1668C	PCB 112
GC/HRMS	EPA 1668A/1668C	PCB 113
GC/HRMS	EPA 1668A/1668C	PCB 114
GC/HRMS	EPA 1668A/1668C	PCB 115
GC/HRMS	EPA 1668A/1668C	PCB 116
GC/HRMS	EPA 1668A/1668C	PCB 117
GC/HRMS	EPA 1668A/1668C	PCB 118
GC/HRMS	EPA 1668A/1668C	PCB 119
GC/HRMS	EPA 1668A/1668C	PCB 120
GC/HRMS	EPA 1668A/1668C	PCB 121
GC/HRMS	EPA 1668A/1668C	PCB 122
GC/HRMS	EPA 1668A/1668C	PCB 123
GC/HRMS	EPA 1668A/1668C	PCB 124
GC/HRMS	EPA 1668A/1668C	PCB 125
GC/HRMS	EPA 1668A/1668C	PCB 126
GC/HRMS	EPA 1668A/1668C	PCB 127
GC/HRMS	EPA 1668A/1668C	PCB 128
GC/HRMS	EPA 1668A/1668C	PCB 129
GC/HRMS	EPA 1668A/1668C	PCB 130
GC/HRMS	EPA 1668A/1668C	PCB 131
GC/HRMS	EPA 1668A/1668C	PCB 132
GC/HRMS	EPA 1668A/1668C	PCB 133
GC/HRMS	EPA 1668A/1668C	PCB 134
GC/HRMS	EPA 1668A/1668C	PCB 135
GC/HRMS	EPA 1668A/1668C	PCB 136
GC/HRMS	EPA 1668A/1668C	PCB 137
GC/HRMS	EPA 1668A/1668C	PCB 138
GC/HRMS	EPA 1668A/1668C	PCB 139
GC/HRMS	EPA 1668A/1668C	PCB 140
GC/HRMS	EPA 1668A/1668C	PCB 141
GC/HRMS	EPA 1668A/1668C	PCB 142
GC/HRMS	EPA 1668A/1668C	PCB 143

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC/HRMS	EPA 1668A/1668C	PCB 144
GC/HRMS	EPA 1668A/1668C	PCB 145
GC/HRMS	EPA 1668A/1668C	PCB 146
GC/HRMS	EPA 1668A/1668C	PCB 147
GC/HRMS	EPA 1668A/1668C	PCB 148
GC/HRMS	EPA 1668A/1668C	PCB 149
GC/HRMS	EPA 1668A/1668C	PCB 150
GC/HRMS	EPA 1668A/1668C	PCB 151
GC/HRMS	EPA 1668A/1668C	PCB 152
GC/HRMS	EPA 1668A/1668C	PCB 153
GC/HRMS	EPA 1668A/1668C	PCB 154
GC/HRMS	EPA 1668A/1668C	PCB 155
GC/HRMS	EPA 1668A/1668C	PCB 156
GC/HRMS	EPA 1668A/1668C	PCB 157
GC/HRMS	EPA 1668A/1668C	PCB 158
GC/HRMS	EPA 1668A/1668C	PCB 159
GC/HRMS	EPA 1668A/1668C	PCB 160
GC/HRMS	EPA 1668A/1668C	PCB 161
GC/HRMS	EPA 1668A/1668C	PCB 162
GC/HRMS	EPA 1668A/1668C	PCB 163
GC/HRMS	EPA 1668A/1668C	PCB 164
GC/HRMS	EPA 1668A/1668C	PCB 165
GC/HRMS	EPA 1668A/1668C	PCB 166
GC/HRMS	EPA 1668A/1668C	PCB 167
GC/HRMS	EPA 1668A/1668C	PCB 168
GC/HRMS	EPA 1668A/1668C	PCB 169
GC/HRMS	EPA 1668A/1668C	PCB 170
GC/HRMS	EPA 1668A/1668C	PCB 171
GC/HRMS	EPA 1668A/1668C	PCB 172
GC/HRMS	EPA 1668A/1668C	PCB 173
GC/HRMS	EPA 1668A/1668C	PCB 174
GC/HRMS	EPA 1668A/1668C	PCB 175
GC/HRMS	EPA 1668A/1668C	PCB 176
GC/HRMS	EPA 1668A/1668C	PCB 177
GC/HRMS	EPA 1668A/1668C	PCB 178
GC/HRMS	EPA 1668A/1668C	PCB 179

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC/HRMS	EPA 1668A/1668C	PCB 180
GC/HRMS	EPA 1668A/1668C	PCB 181
GC/HRMS	EPA 1668A/1668C	PCB 182
GC/HRMS	EPA 1668A/1668C	PCB 183
GC/HRMS	EPA 1668A/1668C	PCB 184
GC/HRMS	EPA 1668A/1668C	PCB 185
GC/HRMS	EPA 1668A/1668C	PCB 186
GC/HRMS	EPA 1668A/1668C	PCB 187
GC/HRMS	EPA 1668A/1668C	PCB 188
GC/HRMS	EPA 1668A/1668C	PCB 189
GC/HRMS	EPA 1668A/1668C	PCB 190
GC/HRMS	EPA 1668A/1668C	PCB 191
GC/HRMS	EPA 1668A/1668C	PCB 192
GC/HRMS	EPA 1668A/1668C	PCB 193
GC/HRMS	EPA 1668A/1668C	PCB 194
GC/HRMS	EPA 1668A/1668C	PCB 195
GC/HRMS	EPA 1668A/1668C	PCB 196
GC/HRMS	EPA 1668A/1668C	PCB 197
GC/HRMS	EPA 1668A/1668C	PCB 198
GC/HRMS	EPA 1668A/1668C	PCB 199
GC/HRMS	EPA 1668A/1668C	PCB 200
GC/HRMS	EPA 1668A/1668C	PCB 201
GC/HRMS	EPA 1668A/1668C	PCB 202
GC/HRMS	EPA 1668A/1668C	PCB 203
GC/HRMS	EPA 1668A/1668C	PCB 204
GC/HRMS	EPA 1668A/1668C	PCB 205
GC/HRMS	EPA 1668A/1668C	PCB 206
GC/HRMS	EPA 1668A/1668C	PCB 207
GC/HRMS	EPA 1668A/1668C	PCB 208
GC/HRMS	EPA 1668A/1668C	PCB 209
Preparation	**Method**	**Type**
Acid Digestion (Aqueous)	EPA 3005A/3010A	Inorganics
Acid Digestion (Solid)	EPA 3050B	Inorganics
Separatory Funnel Liquid-Liquid Extraction	EPA 3510C	Semivolatile and Non-Volatile Organics
Ultrasonic Extraction	EPA 3550B/3550C	Semivolatile and Non-Volatile Organics
Solvent Dilution	EPA 3580A	Semivolatile and Non-Volatile Organics

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
Purge and Trap	EPA 5030B	Volatile Organic Compounds
Purge and Trap	EPA 5035/5035A	Volatile Organic Compounds
Microwave Extraction	EPA 3546	Semivolatile and Non-Volatile Organics
Florisil Cleanup	EPA 3620B/3620C	Cleanup of pesticide residues and other chlorinated hydrocarbons
Sulfur Cleanup	EPA 3660A	Sulfur Cleanup
Sulfuric Acid Cleanup	EPA 3665A	Sulfuric Acid Cleanup for PCBs
Silica Gel Cleanup	EPA 3630C	Column Cleanup
TCLP Extraction	EPA 1311	Toxicity Characteristic Leaching Procedure

Air and Emissions		
Technology	**Method**	**Analyte**
ICP-MS	EPA 6020/6020A	Aluminum
ICP-MS	EPA 6020/6020A	Antimony
ICP-MS	EPA 6020/6020A	Arsenic
ICP-MS	EPA 6020/6020A	Barium
ICP-MS	EPA 6020/6020A	Beryllium
ICP-MS	EPA 6020/6020A	Cadmium
ICP-MS	EPA 6020/6020A	Calcium
ICP-MS	EPA 6020/6020A	Chromium (Total)
ICP-MS	EPA 6020/6020A	Cobalt
ICP-MS	EPA 6020/6020A	Copper
ICP-MS	EPA 6020/6020A	Iron
ICP-MS	EPA 6020/6020A	Lead
ICP-MS	EPA 6020/6020A	Magnesium
ICP-MS	EPA 6020/6020A	Manganese
ICP-MS	EPA 6020/6020A	Molybdenum
ICP-MS	EPA 6020/6020A	Nickel
ICP-MS	EPA 6020/6020A	Potassium
ICP-MS	EPA 6020/6020A	Selenium
ICP-MS	EPA 6020/6020A	Silver
ICP-MS	EPA 6020/6020A	Sodium
ICP-MS	EPA 6020/6020A	Thallium
ICP-MS	EPA 6020/6020A	Vanadium
ICP-MS	EPA 6020/6020A	Zinc

Air and Emissions		
Technology	**Method**	**Analyte**
Gravimetric	40CFR Part 50 App B	TSP (Total Suspended Particulate)
Gravimetric	40CFR Part 50 App J	PM10
GC/MS	EPA TO-14A/TO-15	1,1,1-Trichloroethane
GC/MS	EPA TO-14A/TO-15	1,1,2,2-Tetrachloroethane
GC/MS	EPA TO-14A/TO-15	1,1,2-Trichloroethane
GC/MS	EPA TO-14A/TO-15	1,1,2-Trichloro-1,2,2-trifluoroethane
GC/MS	EPA TO-14A/TO-15	1,1-Dichloroethane
GC/MS	EPA TO-14A/TO-15	1,1-Dichloroethene
GC/MS	EPA TO-14A/TO-15	1,2,3-Trichlorobenzene
GC/MS	EPA TO-14A/TO-15	1,2,3-Trichloropropane
GC/MS	EPA TO-14A/TO-15	1,2,4-Trichlorobenzene
GC/MS	EPA TO-14A/TO-15	1,2,4-Trimethylbenzene
GC/MS	EPA TO-14A/TO-15	1,2-Dibromoethane
GC/MS	EPA TO-14A/TO-15	1,2-Dichlorobenzene
GC/MS	EPA TO-14A/TO-15	1,2-Dichloroethane
GC/MS	EPA TO-14A/TO-15	1,2-Dichloropropane
GC/MS	EPA TO-14A/TO-15	1,3,5-Trimethylbenzene
GC/MS	EPA TO-14A/TO-15	1,3-Dichlorobenzene
GC/MS	EPA TO-14A/TO-15	1,4-Dichlorobenzene
GC/MS	EPA TO-14A/TO-15	1,4-Dioxane
GC/MS	EPA TO-14A/TO-15	2-Butanone (MEK)
GC/MS	EPA TO-14A/TO-15	2-Chlorotoluene
GC/MS	EPA TO-14A/TO-15	2-Hexanone (MBK)
GC/MS	EPA TO-14A/TO-15	2-Methyl-2-propanol (tert- Butyl Alcohol, TBA)
GC/MS	EPA TO-14A/TO-15	4-Ethyltoluene
GC/MS	EPA TO-14A/TO-15	4-Isopropyltoluene
GC/MS	EPA TO-14A/TO-15	4-Methyl-2-pentanone (MIBK)
GC/MS	EPA TO-14A/TO-15	Acetone
GC/MS	EPA TO-14A/TO-15	Acrolein
GC/MS	EPA TO-14A/TO-15	Allyl Chloride
GC/MS	EPA TO-14A/TO-15	Alpha Methyl Styrene
GC/MS	EPA TO-14A/TO-15	Benzene
GC/MS	EPA TO-14A/TO-15	Benzyl Chloride
GC/MS	EPA TO-14A/TO-15	Bromodichloromethane
GC/MS	EPA TO-14A/TO-15	Bromoform
GC/MS	EPA TO-14A/TO-15	Bromomethane

Air and Emissions		
Technology	**Method**	**Analyte**
GC/MS	EPA TO-14A/TO-15	Butadiene (1,3-Butadiene)
GC/MS	EPA TO-14A/TO-15	Butane
GC/MS	EPA TO-14A/TO-15	Carbon Disulfide
GC/MS	EPA TO-14A/TO-15	Carbon Tetrachloride
GC/MS	EPA TO-14A/TO-15	Chlorobenzene
GC/MS	EPA TO-14A/TO-15	Chlorodifluoromethane
GC/MS	EPA TO-14A/TO-15	Chloroethane
GC/MS	EPA TO-14A/TO-15	Chloroform
GC/MS	EPA TO-14A/TO-15	Chloromethane
GC/MS	EPA TO-14A/TO-15	cis-1,2-Dichloroethene
GC/MS	EPA TO-14A/TO-15	cis-1,3-Dichloropropene
GC/MS	EPA TO-14A/TO-15	Cyclohexane
GC/MS	EPA TO-14A/TO-15	Dibromochloromethane
GC/MS	EPA TO-14A/TO-15	Dibromomethane
GC/MS	EPA TO-14A/TO-15	Dichlorodifluoromethane
GC/MS	EPA TO-14A/TO-15	Ethyl Acetate
GC/MS	EPA TO-14A/TO-15	Ethylbenzene
GC/MS	EPA TO-14A/TO-15	Hexachlorobutadiene
GC/MS	EPA TO-14A/TO-15	Hexane
GC/MS	EPA TO-14A/TO-15	Isooctane (2,2,4- Trimethylpentane)
GC/MS	EPA TO-14A/TO-15	Isopropyl Alcohol
GC/MS	EPA TO-14A/TO-15	Isopropylbenzene
GC/MS	EPA TO-14A/TO-15	m & p Xylene
GC/MS	EPA TO-14A/TO-15	Methyl tert-butyl Ether (MTBE)
GC/MS	EPA TO-14A/TO-15	Methylene Chloride
GC/MS	EPA TO-14A/TO-15	Naphthalene
GC/MS	EPA TO-14A/TO-15	n-Butanol
GC/MS	EPA TO-14A/TO-15	n-Butylbenzene
GC/MS	EPA TO-14A/TO-15	n-Heptane
GC/MS	EPA TO-14A/TO-15	n-Nonane
GC/MS	EPA TO-14A/TO-15	n-Octane
GC/MS	EPA TO-14A/TO-15	n-Propylbenzene
GC/MS	EPA TO-14A/TO-15	o-Xylene
GC/MS	EPA TO-14A/TO-15	Pentane
GC/MS	EPA TO-14A/TO-15	Propene
GC/MS	EPA TO-14A/TO-15	sec-Butylbenzene

Air and Emissions		
Technology	**Method**	**Analyte**
GC/MS	EPA TO-14A/TO-15	Styrene
GC/MS	EPA TO-14A/TO-15	tert-Butylbenzene
GC/MS	EPA TO-14A/TO-15	Tetrachloroethene
GC/MS	EPA TO-14A/TO-15	Tetrahydrofuran
GC/MS	EPA TO-14A/TO-15	Toluene
GC/MS	EPA TO-14A/TO-15	trans-1,2-Dichloroethene
GC/MS	EPA TO-14A/TO-15	trans-1,3-Dichloropropene
GC/MS	EPA TO-14A/TO-15	Trichloroethene
GC/MS	EPA TO-14A/TO-15	Trichlorofluoromethane
GC/MS	EPA TO-14A/TO-15	Vinyl Acetate
GC/MS	EPA TO-14A/TO-15	Vinyl Bromide
GC/MS	EPA TO-14A/TO-15	Vinyl Chloride
GC/MS	EPA TO-14A/TO-15	Xylenes, Total
GC-FID/TCD	ASTM1946D / EPA 3C	Carbon Dioxide
GC-FID/TCD	ASTM1946D / EPA 3C	Nitrogen
GC-FID/TCD	ASTM1946D / EPA 3C	Oxygen
GC-FID/TCD	ASTM1946D / EPA 3C	Helium
GC-FID/TCD	ASTM1946D / EPA 3C	Hydrogen
GC-FID/TCD	ASTM1946D / EPA 3C	Methane
GC-FID/TCD	ASTM1946D / EPA 3C	Carbon Monoxide
GC/MS	EPA TO-14A/TO-15	Gasoline Range Organics (GRO)
GC/MS	EPA TO-14A/TO-15	TPH as Gasoline
GC/MS SIM	EPA TO-15 SIM	1,1,1-Trichloroethane
GC/MS SIM	EPA TO-15 SIM	1,1,2,2-Tetrachloroethane
GC/MS SIM	EPA TO-15 SIM	1,1,2-Trichloroethane
GC/MS SIM	EPA TO-15 SIM	1,1,2-Trichloro-1,2,2-trifluoroethane
GC/MS SIM	EPA TO-15 SIM	1,1-Dichloroethane
GC/MS SIM	EPA TO-15 SIM	1,1-Dichloroethene
GC/MS SIM	EPA TO-15 SIM	1,2,3-Trichloropropane
GC/MS SIM	EPA TO-15 SIM	1,2,4-Trichlorobenzene
GC/MS SIM	EPA TO-15 SIM	1,2-Dibromoethane
GC/MS SIM	EPA TO-15 SIM	1,2-Dichlorobenzene
GC/MS SIM	EPA TO-15 SIM	1,2-Dichloroethane
GC/MS SIM	EPA TO-15 SIM	1,2-Dichloropropane
GC/MS SIM	EPA TO-15 SIM	1,3-Dichlorobenzene
GC/MS SIM	EPA TO-15 SIM	1,4-Dichlorobenzene

Air and Emissions		
Technology	**Method**	**Analyte**
GC/MS SIM	EPA TO-15 SIM	1,4-Dioxane
GC/MS SIM	EPA TO-15 SIM	Acrolein
GC/MS SIM	EPA TO-15 SIM	Benzene
GC/MS SIM	EPA TO-15 SIM	Benzyl Chloride
GC/MS SIM	EPA TO-15 SIM	Bromodichloromethane
GC/MS SIM	EPA TO-15 SIM	Butadiene (1,3-Butadiene)
GC/MS SIM	EPA TO-15 SIM	Carbon Tetrachloride
GC/MS SIM	EPA TO-15 SIM	Chlorobenzene
GC/MS SIM	EPA TO-15 SIM	Chloroethane
GC/MS SIM	EPA TO-15 SIM	Chloroform
GC/MS SIM	EPA TO-15 SIM	Chloromethane
GC/MS SIM	EPA TO-15 SIM	cis-1,2-Dichloroethene
GC/MS SIM	EPA TO-15 SIM	cis-1,3-Dichloropropene
GC/MS SIM	EPA TO-15 SIM	Dibromochloromethane
GC/MS SIM	EPA TO-15 SIM	Dichlorodifluoromethane
GC/MS SIM	EPA TO-15 SIM	Ethylbenzene
GC/MS SIM	EPA TO-15 SIM	Hexachlorobutadiene
GC/MS SIM	EPA TO-15 SIM	m & p Xylene
GC/MS SIM	EPA TO-15 SIM	Methyl tert-butyl Ether (MTBE)
GC/MS SIM	EPA TO-15 SIM	Methylene Chloride
GC/MS SIM	EPA TO-15 SIM	Naphthalene
GC/MS SIM	EPA TO-15 SIM	o-Xylene
GC/MS SIM	EPA TO-15 SIM	Styrene
GC/MS SIM	EPA TO-15 SIM	Tetrachloroethene
GC/MS SIM	EPA TO-15 SIM	Toluene
GC/MS SIM	EPA TO-15 SIM	trans-1,2-Dichloroethene
GC/MS SIM	EPA TO-15 SIM	trans-1,3-Dichloropropene
GC/MS SIM	EPA TO-15 SIM	Trichloroethene
GC/MS SIM	EPA TO-15 SIM	Trichlorofluoromethane
GC/MS SIM	EPA TO-15 SIM	Vinyl Chloride
GC/MS SIM	EPA TO-15 SIM	Xylenes, Total
GC/MS	EPA TO-13A	1,2,4-Trichlorobenzene
GC/MS	EPA TO-13A	1,2-Dichlorobenzene
GC/MS	EPA TO-13A	1,3-Dichlorobenzene
GC/MS	EPA TO-13A	1,3-Dinitrobenzene
GC/MS	EPA TO-13A	1,4-Dichlorobenzene

Air and Emissions		
Technology	**Method**	**Analyte**
GC/MS	EPA TO-13A	1-Methylnaphthalene
GC/MS	EPA TO-13A	2,3,4,6-Tetrachlorophenol
GC/MS	EPA TO-13A	2,4,5-Trichlorophenol
GC/MS	EPA TO-13A	2,4,6-Trichlorophenol
GC/MS	EPA TO-13A	2,4-Dichlorophenol
GC/MS	EPA TO-13A	2,4-Dimethylphenol
GC/MS	EPA TO-13A	2,4-Dinitrophenol
GC/MS	EPA TO-13A	2,4-Dinitrotoluene
GC/MS	EPA TO-13A	2,6-Dichlorophenol
GC/MS	EPA TO-13A	2,6-Dinitrotoluene
GC/MS	EPA TO-13A	2-Chloronaphthalene
GC/MS	EPA TO-13A	2-Chlorophenol
GC/MS	EPA TO-13A	2-Methylnaphthalene
GC/MS	EPA TO-13A	2-Methylphenol
GC/MS	EPA TO-13A	2-Nitroaniline
GC/MS	EPA TO-13A	2-Nitrophenol
GC/MS	EPA TO-13A	3&4-Methylphenol
GC/MS	EPA TO-13A	3,3'-Dichlorobenzidine
GC/MS	EPA TO-13A	3-Nitroaniline
GC/MS	EPA TO-13A	4,6-Dinitro-2-methylphenol
GC/MS	EPA TO-13A	4-Bromophenyl phenyl ether
GC/MS	EPA TO-13A	4-Chloro-3-methylphenol
GC/MS	EPA TO-13A	4-Chloroaniline
GC/MS	EPA TO-13A	4-Chlorophenyl phenyl ether
GC/MS	EPA TO-13A	4-Nitroaniline
GC/MS	EPA TO-13A	4-Nitrophenol
GC/MS	EPA TO-13A	Acenaphthene
GC/MS	EPA TO-13A	Acenaphthylene
GC/MS	EPA TO-13A	Aniline
GC/MS	EPA TO-13A	Anthracene
GC/MS	EPA TO-13A	Benzo(a)anthracene
GC/MS	EPA TO-13A	Benzo(a)pyrene
GC/MS	EPA TO-13A	Benzo(b)fluoranthene
GC/MS	EPA TO-13A	Benzo(g,h,i)perylene
GC/MS	EPA TO-13A	Benzo(k)fluoranthene
GC/MS	EPA TO-13A	Benzoic Acid

Air and Emissions		
Technology	**Method**	**Analyte**
GC/MS	EPA TO-13A	Benzyl Alcohol
GC/MS	EPA TO-13A	Benzyl butyl Phthalate
GC/MS	EPA TO-13A	Biphenyl
GC/MS	EPA TO-13A	Bis(2-chloroethoxy) Methane
GC/MS	EPA TO-13A	Bis(2-chloroethyl) Ether
GC/MS	EPA TO-13A	Bis(2-chloroisopropyl) Ether
GC/MS	EPA TO-13A	Carbazole
GC/MS	EPA TO-13A	Chrysene
GC/MS	EPA TO-13A	Bis (2-ethylhexyl) Phthalate
GC/MS	EPA TO-13A	Dibenz(a,h)anthracene
GC/MS	EPA TO-13A	Dibenzofuran
GC/MS	EPA TO-13A	Diethyl Phthalate
GC/MS	EPA TO-13A	Dimethyl Phthalate
GC/MS	EPA TO-13A	Di-n-butyl Phthalate
GC/MS	EPA TO-13A	Di-n-octyl Phthalate
GC/MS	EPA TO-13A	Fluoranthene
GC/MS	EPA TO-13A	Fluorene
GC/MS	EPA TO-13A	Hexachlorobenzene
GC/MS	EPA TO-13A	Hexachlorobutadiene
GC/MS	EPA TO-13A	Hexachlorocyclopentadiene
GC/MS	EPA TO-13A	Hexachloroethane
GC/MS	EPA TO-13A	Indeno(1,2,3-c,d) Pyrene
GC/MS	EPA TO-13A	Isophorone
GC/MS	EPA TO-13A	Naphthalene
GC/MS	EPA TO-13A	Nitrobenzene
GC/MS	EPA TO-13A	n-Nitrosodimethylamine
GC/MS	EPA TO-13A	n-Nitrosodi-n-propylamine
GC/MS	EPA TO-13A	n-Nitrosodiphenylamine
GC/MS	EPA TO-13A	Pentachlorophenol
GC/MS	EPA TO-13A	Phenanthrene
GC/MS	EPA TO-13A	Phenol
GC/MS	EPA TO-13A	Pyrene
GC/MS SIM	EPA TO-13A SIM / WS-MS-0006	1-Methylnaphthalene
GC/MS SIM	EPA TO-13A SIM / WS-MS-0006	2-Methylnaphthalene
GC/MS SIM	EPA TO-13A SIM /	Acenaphthene

Air and Emissions		
Technology	**Method**	**Analyte**
	WS-MS-0006	
GC/MS SIM	EPA TO-13A SIM / WS-MS-0006	Acenaphthylene
GC/MS SIM	EPA TO-13A SIM / WS-MS-0006	Anthracene
GC/MS SIM	EPA TO-13A SIM / WS-MS-0006	Benzo(a)anthracene
GC/MS SIM	EPA TO-13A SIM / WS-MS-0006	Benzo(a)pyrene
GC/MS SIM	EPA TO-13A SIM / WS-MS-0006	Benzo(b)fluoranthene
GC/MS SIM	EPA TO-13A SIM / WS-MS-0006	Benzo(g,h,i)perylene
GC/MS SIM	EPA TO-13A SIM / WS-MS-0006	Benzo(k)fluoranthene
GC/MS SIM	EPA TO-13A SIM / WS-MS-0006	Chrysene
GC/MS SIM	EPA TO-13A SIM / WS-MS-0006	Fluoranthene
GC/MS SIM	EPA TO-13A SIM / WS-MS-0006	Fluorene
GC/MS SIM	EPA TO-13A SIM / WS-MS-0006	Indeno(1,2,3-c,d) Pyrene
GC/MS SIM	EPA TO-13A SIM / WS-MS-0006	Naphthalene
GC/MS SIM	EPA TO-13A SIM / WS-MS-0006	Phenanthrene
GC/MS SIM	EPA TO-13A SIM / WS-MS-0006	Pyrene
GC-ECD	EPA TO-4A/TO-10A	PCB-1016
GC-ECD	EPA TO-4A/TO-10A	PCB-1221
GC-ECD	EPA TO-4A/TO-10A	PCB-1232
GC-ECD	EPA TO-4A/TO-10A	PCB-1242
GC-ECD	EPA TO-4A/TO-10A	PCB-1248
GC-ECD	EPA TO-4A/TO-10A	PCB-1254
GC-ECD	EPA TO-4A/TO-10A	PCB-1260
GC-ECD	EPA TO-4A/TO-10A	PCB-1262
GC-ECD	EPA TO-4A/TO-10A	PCB-1268

Air and Emissions		
Technology	**Method**	**Analyte**
Preparation	**Method**	**Type**
Acid Digestion (Filters, Solid)	EPA 3050B	Inorganics
Soxhlet extraction of PUF	TO-4A/TO-10A	PCBs in Air
Soxhlet extraction of PUF/XAD	TO-13	Semivolatiles in Air
Florisil Cleanup	EPA 3620B/3620C	Cleanup of pesticide residues and other chlorinated hydrocarbons
Sulfur Cleanup	EPA 3660A	Sulfur Cleanup
Sulfuric Acid Cleanup	EPA 3665A	Sulfuric Acid Cleanup for PCBs

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. L2468

Vice President

THE STATE of ALASKA
GOVERNOR BILL WALKER

Department of Environmental Conservation

DIVISION OF SPILL PREVENTION AND RESPONSE
Contaminated Sites Program
Laboratory Approval Program

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Anchorage, Alaska 99501
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February 6, 2018

Crystal Pollock
TestAmerica – Sacramento
880 Riverside Parkway
West Sacramento, CA 95605

RE: Contaminated Sites Laboratory Approval **17-020**

Dear Ms. Pollock,

Thank you for submitting an application to the Alaska Department of Environmental Conservation's Contaminated Sites Laboratory Approval Program (CS-LAP), on October 31, 2017. Based on your lab's National Environmental Laboratory Accreditation Program (NELAP) approval through the Oregon Environmental Laboratory Accreditation Program (ORELAP), and Department of Defense Environmental Laboratory Accreditation Program (DoD-ELAP) approval through the ANSI-ASQ National Accreditation Board (ANAB), TestAmerica – Sacramento, located at the above address, is granted ***Approved*** status to perform the analyses listed in the attached *Scope of Approval*, for Alaska contaminated sites projects, including underground storage tanks and leaking underground storage tank sites (UST/LUST), under the July 1, 2017 amendments to 18 AAC 78. This approval expires on ***January 20, 2021***.

Be aware that **any** changes in your NELAP or DoD-ELAP approval status must be reported to the CS program within 3 business days. Failure to do so will result in revocation of **all** CS-LAP approvals for a period of one year. Notification should be in writing sent to cs.lab.cert@alaska.gov. We recommend also contacting the CS-LAP by telephone to verify that the message was received.

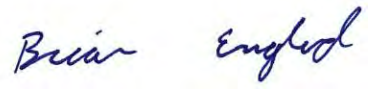
To report any changes in your lab's contact information (i.e. lab director, business name, location, etc.), please complete the form found at http://dec.alaska.gov/spar/csp/LabApproval/ApplyForApproval.htm and submit to cs.submittals@alaska.gov.

To apply for renewal of your approval, please complete the application found at http://dec.alaska.gov/spar/csp/LabApproval/ApplyForApproval.htm and submit to cs.submittals@alaska.gov. The required documentation must be submitted for renewal no later than 30 days before your date of expiration.

Please remember to include the laboratory's ID number, listed above, on all correspondence concerning the laboratory.

If you have any questions, please contact the CS-LAP at (907) 465-5390, or by email at cs.lab.cert@alaska.gov. Labs are also highly encouraged to join the CS-LAP listserv by going to http://list.state.ak.us/mailman/listinfo/cs.lab.approval.

Respectfully,



Brian Englund
Alaska CS Lab Approval Officer

Attachment: Scope of Approval

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Acenaphthene	83-32-9	8270C	**X**	**X**	---	ANAB
Acenaphthene	83-32-9	8270C-SIM	**X**	**X**	---	ANAB
Acenaphthene	83-32-9	8270D	**X**	**X**	---	ANAB
Acenaphthene	83-32-9	8270D-SIM	**X**	**X**	---	ANAB
Acenaphthene	83-32-9	TO-13A SIM	---	---	**X**	ANAB
Acenaphthylene	208-96-8	8270C	**X**	**X**	---	ANAB
Acenaphthylene	208-96-8	8270C-SIM	**X**	**X**	---	ANAB
Acenaphthylene	208-96-8	8270D	**X**	**X**	---	ANAB
Acenaphthylene	208-96-8	8270D-SIM	**X**	**X**	---	ANAB
Acenaphthylene	208-96-8	TO-13A SIM	---	---	**X**	ANAB
Acetone	67-64-1	8260B	**X**	**X**	---	ANAB
Acetone	67-64-1	8260C	**X**	**X**	---	ANAB
Acetone	67-64-1	TO-15	---	---	**X**	ANAB
Aldrin	309-00-2	8081A	**X**	**X**	---	ANAB
Aldrin	309-00-2	8081B	**X**	**X**	---	ANAB
Aldrin	309-00-2	TO-10A	---	---	**X**	ORELAP
Ammonium Perchlorate	7790-98-9		**X**	**X**	---	ANAB
Anthracene	120-12-7	8270C	**X**	**X**	---	ANAB
Anthracene	120-12-7	8270C-SIM	**X**	**X**	---	ANAB
Anthracene	120-12-7	8270D	**X**	**X**	---	ANAB
Anthracene	120-12-7	8270D-SIM	**X**	**X**	---	ANAB
Anthracene	120-12-7	TO-13A SIM	---	---	**X**	ANAB
Antimony (metallic)	7440-36-0	6010B	**X**	**X**	---	ANAB
Antimony (metallic)	7440-36-0	6010C	**X**	**X**	---	ANAB
Antimony (metallic)	7440-36-0	6020A	**X**	**X**	---	ANAB
Aroclor 1242	53469-21-9	TO-10A	---	---	**X**	ANAB
Aroclor 1254	11097-69-1	TO-10A	---	---	**X**	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Aroclor 1260	11096-82-5	TO-10A	---	---	**X**	ANAB
Arsenic, Inorganic	7440-38-2	6010B	**X**	**X**	---	ANAB
Arsenic, Inorganic	7440-38-2	6010C	**X**	**X**	---	ANAB
Arsenic, Inorganic	7440-38-2	6020A	**X**	**X**	---	ANAB
Barium	7440-39-3	6010B	**X**	**X**	---	ANAB
Barium	7440-39-3	6010C	**X**	**X**	---	ANAB
Barium	7440-39-3	6020A	**X**	**X**	---	ANAB
Benz[a]anthracene	56-55-3	8270C	**X**	**X**	---	ANAB
Benz[a]anthracene	56-55-3	8270C-SIM	**X**	**X**	---	ANAB
Benz[a]anthracene	56-55-3	8270D	**X**	**X**	---	ANAB
Benz[a]anthracene	56-55-3	8270D-SIM	**X**	**X**	---	ANAB
Benz[a]anthracene	56-55-3	TO-13A SIM	---	---	**X**	ANAB
Benzaldehyde	100-52-7	8270C	**X**	**X**	---	ANAB
Benzaldehyde	100-52-7	8270D	**X**	**X**	---	ANAB
Benzene	71-43-2	8260B	**X**	**X**	---	ANAB
Benzene	71-43-2	8260C	**X**	**X**	---	ANAB
Benzene	71-43-2	TO-15	---	---	**X**	ANAB
Benzene	71-43-2	TO-15 SIM	---	---	**X**	ANAB
Benzo[a]pyrene	50-32-8	8270C	**X**	**X**	---	ANAB
Benzo[a]pyrene	50-32-8	8270C-SIM	**X**	**X**	---	ANAB
Benzo[a]pyrene	50-32-8	8270D	**X**	**X**	---	ANAB
Benzo[a]pyrene	50-32-8	8270D-SIM	**X**	**X**	---	ANAB
Benzo[a]pyrene	50-32-8	TO-13A SIM	---	---	**X**	ANAB
Benzo[b]fluoranthene	205-99-2	8270C	**X**	**X**	---	ANAB
Benzo[b]fluoranthene	205-99-2	8270C-SIM	**X**	**X**	---	ANAB
Benzo[b]fluoranthene	205-99-2	8270D	**X**	**X**	---	ANAB
Benzo[b]fluoranthene	205-99-2	8270D-SIM	**X**	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Benzo[b]fluoranthene	205-99-2	TO-13A SIM	---	---	**X**	ANAB
Benzo[g,h,i]perylene	191-24-2	8270C	**X**	**X**	---	ANAB
Benzo[g,h,i]perylene	191-24-2	8270C-SIM	**X**	**X**	---	ANAB
Benzo[g,h,i]perylene	191-24-2	8270D	**X**	**X**	---	ANAB
Benzo[g,h,i]perylene	191-24-2	8270D-SIM	**X**	**X**	---	ANAB
Benzo[g,h,i]perylene	191-24-2	TO-13A SIM	---	---	**X**	ANAB
Benzo[k]fluoranthene	207-08-9	8270C	**X**	**X**	---	ANAB
Benzo[k]fluoranthene	207-08-9	8270C-SIM	**X**	**X**	---	ANAB
Benzo[k]fluoranthene	207-08-9	8270D	**X**	**X**	---	ANAB
Benzo[k]fluoranthene	207-08-9	8270D-SIM	**X**	**X**	---	ANAB
Benzo[k]fluoranthene	207-08-9	TO-13A SIM	---	---	**X**	ANAB
Benzoic Acid	65-85-0	8270C	**X**	**X**	---	ANAB
Benzoic Acid	65-85-0	8270D	**X**	**X**	---	ANAB
Benzyl Alcohol	100-51-6	8270C	**X**	**X**	---	ANAB
Benzyl Alcohol	100-51-6	8270D	**X**	**X**	---	ANAB
Beryllium and compounds	7440-41-7	6010B	**X**	**X**	---	ANAB
Beryllium and compounds	7440-41-7	6010C	**X**	**X**	---	ANAB
Beryllium and compounds	7440-41-7	6020A	**X**	**X**	---	ANAB
Bis(2-chloroethyl)ether	111-44-4	8270C	**X**	**X**	---	ANAB
Bis(2-chloroethyl)ether	111-44-4	8270D	**X**	**X**	---	ANAB
Bis(2-chloroethyl)ether	111-44-4	8270D-SIM	**X**	**X**	---	ANAB
Bis(2-ethylhexyl)phthalate (DEHP)	117-81-7	8270C	**X**	**X**	---	ANAB
Bis(2-ethylhexyl)phthalate (DEHP)	117-81-7	8270D	**X**	**X**	---	ANAB
Bromobenzene	108-86-1	8260B	**X**	**X**	---	ANAB
Bromobenzene	108-86-1	8260C	**X**	**X**	---	ANAB
Bromodichloromethane	75-27-4	8260B	**X**	**X**	---	ANAB
Bromodichloromethane	75-27-4	8260C	**X**	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Bromodichloromethane	75-27-4	TO-15	---	---	**X**	ANAB
Bromodichloromethane	75-27-4	TO-15 SIM	---	---	**X**	ANAB
Bromoform	75-25-2	8260B	**X**	**X**	---	ANAB
Bromoform	75-25-2	8260C	**X**	**X**	---	ANAB
Bromoform	75-25-2	TO-15	---	---	**X**	ANAB
Bromomethane	74-83-9	8260B	**X**	**X**	---	ANAB
Bromomethane	74-83-9	8260C	**X**	**X**	---	ANAB
Bromomethane	74-83-9	TO-15	---	---	**X**	ANAB
Butadiene, 1,3-	106-99-0	8260C-SIM	**X**	**X**	---	ANAB
Butadiene, 1,3-	106-99-0	TO-15	---	---	**X**	ANAB
Butadiene, 1,3-	106-99-0	TO-15 SIM	---	---	**X**	ANAB
Butyl Benzyl Phthalate	85-68-7	8270C	**X**	**X**	---	ANAB
Butyl Benzyl Phthalate	85-68-7	8270D	**X**	**X**	---	ANAB
Butylbenzene, n-	104-51-8	8260B	**X**	**X**	---	ANAB
Butylbenzene, n-	104-51-8	8260C	**X**	**X**	---	ANAB
Butylbenzene, sec-	135-98-8	8260B	**X**	**X**	---	ANAB
Butylbenzene, sec-	135-98-8	8260C	**X**	**X**	---	ANAB
Butylbenzene, tert-	98-06-6	8260B	**X**	**X**	---	ANAB
Butylbenzene, tert-	98-06-6	8260C	**X**	**X**	---	ANAB
Cadmium	7440-43-9	6010B	**X**	**X**	---	ANAB
Cadmium	7440-43-9	6010C	**X**	**X**	---	ANAB
Cadmium	7440-43-9	6020A	**X**	**X**	---	ANAB
Carbon Disulfide	75-15-0	8260B	**X**	**X**	---	ANAB
Carbon Disulfide	75-15-0	8260C	**X**	**X**	---	ANAB
Carbon Disulfide	75-15-0	TO-15	---	---	**X**	ANAB
Carbon Tetrachloride	56-23-5	8260B	**X**	**X**	---	ANAB
Carbon Tetrachloride	56-23-5	8260C	**X**	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Carbon Tetrachloride	56-23-5	TO-15	---	---	**X**	ANAB
Carbon Tetrachloride	56-23-5	TO-15 SIM	---	---	**X**	ANAB
Chlordane, Total	12789-03-6	8081A	**X**	**X**	---	ANAB
Chlordane, Total	12789-03-6	8081B	**X**	**X**	---	ANAB
Chlordane, Total	12789-03-6	TO-10A	---	---	**X**	ORELAP
Chlordane, α-	5103-71-9	8081A	**X**	**X**	---	ANAB
Chlordane, α-	5103-71-9	8081B	**X**	**X**	---	ANAB
Chlordane, γ-	5103-74-2	8081A	**X**	**X**	---	ANAB
Chlordane, γ-	5103-74-2	8081B	**X**	**X**	---	ANAB
Chloroaniline, p-	106-47-8	8270C	**X**	**X**	---	ANAB
Chloroaniline, p-	106-47-8	8270D	**X**	**X**	---	ANAB
Chlorobenzene	108-90-7	8260B	**X**	**X**	---	ANAB
Chlorobenzene	108-90-7	8260C	**X**	**X**	---	ANAB
Chlorobenzene	108-90-7	TO-15	---	---	**X**	ANAB
Chlorobenzene	108-90-7	TO-15 SIM	---	---	**X**	ANAB
Chloroform	67-66-3	8260B	**X**	**X**	---	ANAB
Chloroform	67-66-3	8260C	**X**	**X**	---	ANAB
Chloroform	67-66-3	TO-15	---	---	**X**	ANAB
Chloroform	67-66-3	TO-15 SIM	---	---	**X**	ANAB
Chloromethane	74-87-3	8260B	**X**	**X**	---	ANAB
Chloromethane	74-87-3	8260C	**X**	**X**	---	ANAB
Chloromethane	74-87-3	TO-15	---	---	**X**	ANAB
Chloromethane	74-87-3	TO-15 SIM	---	---	**X**	ANAB
Chloronaphthalene, Beta-	91-58-7	8270C	**X**	**X**	---	ANAB
Chloronaphthalene, Beta-	91-58-7	8270D	**X**	**X**	---	ANAB
Chlorophenol, 2-	95-57-8	8270C	**X**	**X**	---	ANAB
Chlorophenol, 2-	95-57-8	8270D	**X**	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Chromium (Total)	7440-47-3	6010B	**X**	**X**	---	ANAB
Chromium (Total)	7440-47-3	6010C	**X**	**X**	---	ANAB
Chromium (Total)	7440-47-3	6020A	**X**	**X**	---	ANAB
Chromium (VI)	18540-29-9	7196	---	**X**	---	ANAB
Chrysene	218-01-9	8270C	**X**	**X**	---	ANAB
Chrysene	218-01-9	8270C-SIM	**X**	**X**	---	ANAB
Chrysene	218-01-9	8270D	**X**	**X**	---	ANAB
Chrysene	218-01-9	8270D-SIM	**X**	**X**	---	ANAB
Chrysene	218-01-9	TO-13A SIM	---	---	**X**	ANAB
Copper	7440-50-8	6010B	**X**	**X**	---	ANAB
Copper	7440-50-8	6010C	**X**	**X**	---	ANAB
Copper	7440-50-8	6020A	**X**	**X**	---	ANAB
Cresol, m- (3-Methylphenol)	108-39-4	8270C	**X**	**X**	---	ANAB
Cresol, m- (3-Methylphenol)	108-39-4	8270D	**X**	**X**	---	ANAB
Cresol, o- (2-Methylphenol)	95-48-7	8270C	**X**	**X**	---	ANAB
Cresol, o- (2-Methylphenol)	95-48-7	8270D	**X**	**X**	---	ANAB
Cresol, p- (4-Methylphenol)	106-44-5	8270C	**X**	**X**	---	ANAB
Cresol, p- (4-Methylphenol)	106-44-5	8270D	**X**	**X**	---	ANAB
Cumene (Isopropylbenzene)	98-82-8	8260B	**X**	**X**	---	ANAB
Cumene (Isopropylbenzene)	98-82-8	8260C	**X**	**X**	---	ANAB
Cyclohexane	110-82-7	8260B	**X**	**X**	---	ANAB
Cyclohexane	110-82-7	8260C	**X**	**X**	---	ANAB
Cyclohexane	110-82-7	TO-15	---	---	**X**	ANAB
DDD, 4,4'-	72-54-8	8081A	**X**	**X**	---	ANAB
DDD, 4,4'-	72-54-8	8081B	**X**	**X**	---	ANAB
DDE, 4,4'-	72-55-9	8081A	**X**	**X**	---	ANAB
DDE, 4,4'-	72-55-9	8081B	**X**	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
DDE, 4,4'-	72-55-9	TO-10A	---	---	**X**	ORELAP
DDT, 4,4'-	50-29-3	8081A	**X**	**X**	---	ANAB
DDT, 4,4'-	50-29-3	8081B	**X**	**X**	---	ANAB
DDT, 4,4'-	50-29-3	TO-10A	---	---	**X**	ORELAP
Dibenz[a,h]anthracene	53-70-3	8270C	**X**	**X**	---	ANAB
Dibenz[a,h]anthracene	53-70-3	8270C-SIM	**X**	**X**	---	ANAB
Dibenz[a,h]anthracene	53-70-3	8270D	**X**	**X**	---	ANAB
Dibenz[a,h]anthracene	53-70-3	8270D-SIM	**X**	**X**	---	ANAB
Dibenz[a,h]anthracene	53-70-3	TO-13A SIM	---	---	**X**	ANAB
Dibenzofuran	132-64-9	8270C	**X**	**X**	---	ANAB
Dibenzofuran	132-64-9	8270D	**X**	**X**	---	ANAB
Dibromochloromethane	124-48-1	8260B	**X**	**X**	---	ANAB
Dibromochloromethane	124-48-1	8260C	**X**	**X**	---	ANAB
Dibromochloromethane	124-48-1	TO-15	---	---	**X**	ANAB
Dibromochloromethane	124-48-1	TO-15 SIM	---	---	**X**	ANAB
Dibromoethane, 1,2- (Ethylene Dibromide)	106-93-4	8260B	**X**	**X**	---	ANAB
Dibromoethane, 1,2- (Ethylene Dibromide)	106-93-4	8260C	**X**	**X**	---	ANAB
Dibromoethane, 1,2- (Ethylene Dibromide)	106-93-4	TO-15	---	---	**X**	ANAB
Dibromomethane (Methylene Bromide)	74-95-3	8260B	**X**	**X**	---	ANAB
Dibromomethane (Methylene Bromide)	74-95-3	8260C	**X**	**X**	---	ANAB
Dibutyl Phthalate	84-74-2	8270C	**X**	**X**	---	ANAB
Dibutyl Phthalate	84-74-2	8270D	**X**	**X**	---	ANAB
Dichlorobenzene, 1,2-	95-50-1	8260B	**X**	**X**	---	ANAB
Dichlorobenzene, 1,2-	95-50-1	8260C	**X**	**X**	---	ANAB
Dichlorobenzene, 1,2-	95-50-1	8270C	**X**	**X**	---	ANAB
Dichlorobenzene, 1,2-	95-50-1	8270D	**X**	**X**	---	ANAB
Dichlorobenzene, 1,2-	95-50-1	TO-15	---	---	**X**	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Dichlorobenzene, 1,2-	95-50-1	TO-15 SIM	---	---	**X**	ANAB
Dichlorobenzene, 1,3-	541-73-1	8260B	**X**	**X**	---	ANAB
Dichlorobenzene, 1,3-	541-73-1	8260C	**X**	**X**	---	ANAB
Dichlorobenzene, 1,3-	541-73-1	8270C	**X**	**X**	---	ANAB
Dichlorobenzene, 1,3-	541-73-1	8270D	**X**	**X**	---	ANAB
Dichlorobenzene, 1,3-	541-73-1	TO-15	---	---	**X**	ANAB
Dichlorobenzene, 1,3-	541-73-1	TO-15 SIM	---	---	**X**	ANAB
Dichlorobenzene, 1,4-	106-46-7	8260B	**X**	**X**	---	ANAB
Dichlorobenzene, 1,4-	106-46-7	8260C	**X**	**X**	---	ANAB
Dichlorobenzene, 1,4-	106-46-7	8270C	**X**	**X**	---	ANAB
Dichlorobenzene, 1,4-	106-46-7	8270D	**X**	**X**	---	ANAB
Dichlorobenzene, 1,4-	106-46-7	TO-15	---	---	**X**	ANAB
Dichlorobenzene, 1,4-	106-46-7	TO-15 SIM	---	---	**X**	ANAB
Dichlorobenzidine, 3,3'-	91-94-1	8270C	**X**	**X**	---	ANAB
Dichlorobenzidine, 3,3'-	91-94-1	8270D	**X**	**X**	---	ANAB
Dichlorodifluoromethane	75-71-8	8260B	**X**	**X**	---	ANAB
Dichlorodifluoromethane	75-71-8	8260C	**X**	**X**	---	ANAB
Dichlorodifluoromethane	75-71-8	TO-15	---	---	**X**	ANAB
Dichlorodifluoromethane	75-71-8	TO-15 SIM	---	---	**X**	ANAB
Dichloroethane, 1,1-	75-34-3	8260B	**X**	**X**	---	ANAB
Dichloroethane, 1,1-	75-34-3	8260C	**X**	**X**	---	ANAB
Dichloroethane, 1,1-	75-34-3	TO-15	---	---	**X**	ANAB
Dichloroethane, 1,1-	75-34-3	TO-15 SIM	---	---	**X**	ANAB
Dichloroethane, 1,2-	107-06-2	8260B	**X**	**X**	---	ANAB
Dichloroethane, 1,2-	107-06-2	8260C	**X**	**X**	---	ANAB
Dichloroethane, 1,2-	107-06-2	TO-15	---	---	**X**	ANAB
Dichloroethane, 1,2-	107-06-2	TO-15 SIM	---	---	**X**	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Dichloroethylene, 1,1-	75-35-4	8260B	**X**	**X**	---	ANAB
Dichloroethylene, 1,1-	75-35-4	8260C	**X**	**X**	---	ANAB
Dichloroethylene, 1,1-	75-35-4	TO-15	---	---	**X**	ANAB
Dichloroethylene, 1,1-	75-35-4	TO-15 SIM	---	---	**X**	ANAB
Dichloroethylene, 1,2-cis-	156-59-2	8260B	**X**	**X**	---	ANAB
Dichloroethylene, 1,2-cis-	156-59-2	8260C	**X**	**X**	---	ANAB
Dichloroethylene, 1,2-cis-	156-59-2	TO-15	---	---	**X**	ANAB
Dichloroethylene, 1,2-cis-	156-59-2	TO-15 SIM	---	---	**X**	ANAB
Dichloroethylene, 1,2-trans-	156-60-5	8260B	**X**	**X**	---	ANAB
Dichloroethylene, 1,2-trans-	156-60-5	8260C	**X**	**X**	---	ANAB
Dichloroethylene, 1,2-trans-	156-60-5	TO-15	---	---	**X**	ANAB
Dichloroethylene, 1,2-trans-	156-60-5	TO-15 SIM	---	---	**X**	ANAB
Dichlorophenol, 2,4-	120-83-2	8270C	**X**	**X**	---	ANAB
Dichlorophenol, 2,4-	120-83-2	8270D	**X**	**X**	---	ANAB
Dichloropropane, 1,2-	78-87-5	8260B	**X**	**X**	---	ANAB
Dichloropropane, 1,2-	78-87-5	8260C	**X**	**X**	---	ANAB
Dichloropropane, 1,2-	78-87-5	TO-15	---	---	**X**	ANAB
Dichloropropane, 1,2-	78-87-5	TO-15 SIM	---	---	**X**	ANAB
Dichloropropene, 1,3- (cis + trans)	542-75-6	8260B	**X**	**X**	---	ANAB
Dichloropropene, 1,3- (cis + trans)	542-75-6	8260C	**X**	**X**	---	ANAB
Dichloropropene, 1,3- (cis + trans)	542-75-6	TO-15	---	---	**X**	ANAB
Dieldrin	60-57-1	8081A	**X**	**X**	---	ANAB
Dieldrin	60-57-1	8081B	**X**	**X**	---	ANAB
Dieldrin	60-57-1	TO-10A	---	---	**X**	ORELAP
Diethyl Phthalate	84-66-2	8270C	**X**	**X**	---	ANAB
Diethyl Phthalate	84-66-2	8270D	**X**	**X**	---	ANAB
Dimethylphenol, 2,4-	105-67-9	8270C	**X**	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Dimethylphenol, 2,4-	105-67-9	8270D	**X**	**X**	---	ANAB
Dimethylphthalate	131-11-3	8270C	**X**	**X**	---	ANAB
Dimethylphthalate	131-11-3	8270D	**X**	**X**	---	ANAB
Dinitrobenzene, 1,3-	99-65-0	8270C	**X**	**X**	---	ANAB
Dinitrobenzene, 1,3-	99-65-0	8270D	**X**	**X**	---	ANAB
Dinitrophenol, 2,4-	51-28-5	8270C	**X**	**X**	---	ANAB
Dinitrophenol, 2,4-	51-28-5	8270D	**X**	**X**	---	ANAB
Dinitrotoluene, 2,4-	121-14-2	8270C	**X**	**X**	---	ANAB
Dinitrotoluene, 2,4-	121-14-2	8270D	**X**	**X**	---	ANAB
Dinitrotoluene, 2,4-	121-14-2	8330A	**X**	**X**	---	ANAB
Dinitrotoluene, 2,4-	121-14-2	8330B	**X**	**X**	---	ANAB
Dinitrotoluene, 2,6-	606-20-2	8270C	**X**	**X**	---	ANAB
Dinitrotoluene, 2,6-	606-20-2	8270D	**X**	**X**	---	ANAB
Dinitrotoluene, 2,6-	606-20-2	8330A	**X**	**X**	---	ANAB
Dinitrotoluene, 2,6-	606-20-2	8330B	**X**	**X**	---	ANAB
Dinitrotoluene, 2-Amino-4,6-	35572-78-2	8330A	**X**	**X**	---	ANAB
Dinitrotoluene, 2-Amino-4,6-	35572-78-2	8330B	**X**	**X**	---	ANAB
Dinitrotoluene, 4-Amino-2,6-	19406-51-0	8330A	**X**	**X**	---	ANAB
Dinitrotoluene, 4-Amino-2,6-	19406-51-0	8330B	**X**	**X**	---	ANAB
Dioxane, 1,4-	123-91-1	8260B	**X**	**X**	---	ANAB
Dioxane, 1,4-	123-91-1	8260C	**X**	**X**	---	ANAB
Dioxane, 1,4-	123-91-1	TO-15	---	---	**X**	ANAB
Dioxane, 1,4-	123-91-1	TO-15 SIM	---	---	**X**	ANAB
Diphenylamine	122-39-4	8270C	**X**	**X**	---	ANAB
Diphenylamine	122-39-4	8270D	**X**	**X**	---	ANAB
Endosulfan (Endosulfan I + Endosulfan II)	115-29-7	8081A	**X**	**X**	---	ANAB
Endosulfan (Endosulfan I + Endosulfan II)	115-29-7	8081B	**X**	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Endosulfan I	959-98-8	8081A	**X**	**X**	---	ANAB
Endosulfan II	33213-65-9	8081A	**X**	**X**	---	ANAB
Endosulfan sulfate	1031-07-8	8081A	**X**	**X**	---	ANAB
Endrin	72-20-8	8081A	**X**	**X**	---	ANAB
Endrin	72-20-8	8081B	**X**	**X**	---	ANAB
Ethyl Chloride	75-00-3	8260B	**X**	**X**	---	ANAB
Ethyl Chloride	75-00-3	8260C	**X**	**X**	---	ANAB
Ethyl Chloride	75-00-3	TO-15	---	---	**X**	ANAB
Ethyl Chloride	75-00-3	TO-15 SIM	---	---	**X**	ANAB
Ethylbenzene	100-41-4	8260B	**X**	**X**	---	ANAB
Ethylbenzene	100-41-4	8260C	**X**	**X**	---	ANAB
Ethylbenzene	100-41-4	TO-15	---	---	**X**	ANAB
Ethylbenzene	100-41-4	TO-15 SIM	---	---	**X**	ANAB
Fluoranthene	206-44-0	8270C	**X**	**X**	---	ANAB
Fluoranthene	206-44-0	8270C-SIM	**X**	**X**	---	ANAB
Fluoranthene	206-44-0	8270D	**X**	**X**	---	ANAB
Fluoranthene	206-44-0	8270D-SIM	**X**	**X**	---	ANAB
Fluoranthene	206-44-0	TO-13A SIM	---	---	**X**	ANAB
Fluorene	86-73-7	8270C	**X**	**X**	---	ANAB
Fluorene	86-73-7	8270C-SIM	**X**	**X**	---	ANAB
Fluorene	86-73-7	8270D	**X**	**X**	---	ANAB
Fluorene	86-73-7	8270D-SIM	**X**	**X**	---	ANAB
Fluorene	86-73-7	TO-13A SIM	---	---	**X**	ANAB
Heptachlor	76-44-8	8081A	**X**	**X**	---	ANAB
Heptachlor	76-44-8	8081B	**X**	**X**	---	ANAB
Heptachlor	76-44-8	TO-10A	---	---	**X**	ORELAP
Heptachlor Epoxide	1024-57-3	8081A	**X**	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Heptachlor Epoxide	1024-57-3	8081B	**X**	**X**	---	ANAB
Heptachlor Epoxide	1024-57-3	TO-10A	---	---	**X**	ORELAP
Hexachlorobenzene	118-74-1	8270C	**X**	**X**	---	ANAB
Hexachlorobenzene	118-74-1	8270D	**X**	**X**	---	ANAB
Hexachlorobenzene	118-74-1	8270D-SIM	**X**	**X**	---	ANAB
Hexachlorobutadiene	87-68-3	8260B	**X**	**X**	---	ANAB
Hexachlorobutadiene	87-68-3	8260C	**X**	**X**	---	ANAB
Hexachlorobutadiene	87-68-3	8270C	**X**	**X**	---	ANAB
Hexachlorobutadiene	87-68-3	8270D	**X**	**X**	---	ANAB
Hexachlorobutadiene	87-68-3	TO-15 SIM	---	---	**X**	ANAB
Hexachlorocyclohexane, Alpha- (α-BHC)	319-84-6	8081A	**X**	**X**	---	ANAB
Hexachlorocyclohexane, Alpha- (α-BHC)	319-84-6	8081B	**X**	**X**	---	ANAB
Hexachlorocyclohexane, Alpha- (α-BHC)	319-84-6	TO-10A	---	---	**X**	ORELAP
Hexachlorocyclohexane, Beta- (β-BHC)	319-85-7	8081A	**X**	**X**	---	ANAB
Hexachlorocyclohexane, Beta- (β-BHC)	319-85-7	8081B	**X**	**X**	---	ANAB
Hexachlorocyclohexane, Beta- (β-BHC)	319-85-7	TO-10A	---	---	**X**	ORELAP
Hexachlorocyclohexane, Delta- (δ-BHC)	319-86-8	8081A	**X**	**X**	---	ANAB
Hexachlorocyclohexane, Delta- (δ-BHC)	319-86-8	8081B	**X**	**X**	---	ANAB
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	8081A	**X**	**X**	---	ANAB
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	8081B	**X**	**X**	---	ANAB
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	TO-10A	---	---	**X**	ORELAP
Hexachlorocyclopentadiene	77-47-4	8270C	**X**	**X**	---	ANAB
Hexachlorocyclopentadiene	77-47-4	8270D	**X**	**X**	---	ANAB
Hexachlorocyclopentadiene	77-47-4	8270D-SIM	**X**	---	---	ANAB
Hexachloroethane	67-72-1	8270C	**X**	**X**	---	ANAB
Hexachloroethane	67-72-1	8270D	**X**	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	8330A	**X**	**X**	---	ANAB
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	8330B	**X**	**X**	---	ANAB
Hexane, N-	110-54-3	8260B	**X**	**X**	---	ANAB
Hexane, N-	110-54-3	8260C	**X**	**X**	---	ANAB
Hexanone, 2-	591-78-6	8260B	**X**	**X**	---	ANAB
Hexanone, 2-	591-78-6	8260C	**X**	**X**	---	ANAB
Indeno[1,2,3-cd]pyrene	193-39-5	8270C	**X**	**X**	---	ANAB
Indeno[1,2,3-cd]pyrene	193-39-5	8270C-SIM	**X**	**X**	---	ANAB
Indeno[1,2,3-cd]pyrene	193-39-5	8270D	**X**	**X**	---	ANAB
Indeno[1,2,3-cd]pyrene	193-39-5	8270D-SIM	**X**	**X**	---	ANAB
Indeno[1,2,3-cd]pyrene	193-39-5	TO-13A SIM	---	---	**X**	ANAB
Isophorone	78-59-1	8270C	**X**	**X**	---	ANAB
Isophorone	78-59-1	8270D	**X**	**X**	---	ANAB
Lead, Total	7439-92-1	6010B	**X**	**X**	---	ANAB
Lead, Total	7439-92-1	6010C	**X**	**X**	---	ANAB
Lead, Total	7439-92-1	6020A	**X**	**X**	---	ANAB
Mercury (elemental)	7439-97-6	7470A	---	**X**	---	ANAB
Mercury (elemental)	7439-97-6	7471A	**X**	---	---	ANAB
Mercury (elemental)	7439-97-6	7471B	**X**	---	---	ANAB
Methoxychlor	72-43-5	8081A	**X**	**X**	---	ANAB
Methoxychlor	72-43-5	8081B	**X**	**X**	---	ANAB
Methoxychlor	72-43-5	TO-10A	---	---	**X**	ORELAP
Methyl Ethyl Ketone (2-Butanone)	78-93-3	8260B	**X**	**X**	---	ANAB
Methyl Ethyl Ketone (2-Butanone)	78-93-3	8260C	**X**	**X**	---	ANAB
Methyl Ethyl Ketone (2-Butanone)	78-93-3	TO-15	---	---	**X**	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	8260B	**X**	**X**	---	ANAB
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	8260C	**X**	**X**	---	ANAB
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	TO-15	---	---	**X**	ANAB
Methyl tert-Butyl Ether (MTBE)	1634-04-4	8260B	**X**	**X**	---	ANAB
Methyl tert-Butyl Ether (MTBE)	1634-04-4	8260C	**X**	**X**	---	ANAB
Methyl tert-Butyl Ether (MTBE)	1634-04-4	TO-15	---	---	**X**	ANAB
Methyl tert-Butyl Ether (MTBE)	1634-04-4	TO-15 SIM	---	---	**X**	ANAB
Methylene Chloride	75-09-2	8260B	**X**	**X**	---	ANAB
Methylene Chloride	75-09-2	8260C	**X**	**X**	---	ANAB
Methylene Chloride	75-09-2	TO-15	---	---	**X**	ANAB
Methylene Chloride	75-09-2	TO-15 SIM	---	---	**X**	ANAB
Methylnaphthalene, 1-	90-12-0	8270C	**X**	**X**	---	ANAB
Methylnaphthalene, 1-	90-12-0	8270C-SIM	**X**	**X**	---	ANAB
Methylnaphthalene, 1-	90-12-0	8270D	**X**	**X**	---	ANAB
Methylnaphthalene, 1-	90-12-0	8270D-SIM	**X**	**X**	---	ANAB
Methylnaphthalene, 1-	90-12-0	TO-13A SIM	---	---	**X**	ANAB
Methylnaphthalene, 2-	91-57-6	8270C	**X**	**X**	---	ANAB
Methylnaphthalene, 2-	91-57-6	8270C-SIM	**X**	**X**	---	ANAB
Methylnaphthalene, 2-	91-57-6	8270D	**X**	**X**	---	ANAB
Methylnaphthalene, 2-	91-57-6	8270D-SIM	**X**	**X**	---	ANAB
Methylnaphthalene, 2-	91-57-6	TO-13A SIM	---	---	**X**	ANAB
Naphthalene	91-20-3	8260B	**X**	**X**	---	ANAB
Naphthalene	91-20-3	8260C	**X**	**X**	---	ANAB
Naphthalene	91-20-3	8270C	**X**	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Naphthalene	91-20-3	8270C-SIM	**X**	**X**	---	ANAB
Naphthalene	91-20-3	8270D	**X**	**X**	---	ANAB
Naphthalene	91-20-3	8270D-SIM	**X**	**X**	---	ANAB
Naphthalene	91-20-3	TO-13A SIM	---	---	**X**	ANAB
Naphthalene	91-20-3	TO-15	---	---	**X**	ANAB
Naphthalene	91-20-3	TO-15 SIM	---	---	**X**	ANAB
Nickel, Total	7440-02-0	6010B	**X**	**X**	---	ANAB
Nickel, Total	7440-02-0	6010C	**X**	**X**	---	ANAB
Nickel, Total	7440-02-0	6020A	**X**	**X**	---	ANAB
Nitrobenzene	98-95-3	8270C	**X**	**X**	---	ANAB
Nitrobenzene	98-95-3	8270D	**X**	**X**	---	ANAB
Nitrobenzene	98-95-3	8330A	**X**	**X**	---	ANAB
Nitrobenzene	98-95-3	8330B	**X**	**X**	---	ANAB
Nitroglycerin	55-63-0	8330A	**X**	**X**	---	ANAB
Nitroglycerin	55-63-0	8330B	**X**	**X**	---	ANAB
Nitrosodimethylamine, N-	62-75-9	8270C	**X**	**X**	---	ANAB
Nitrosodimethylamine, N-	62-75-9	8270D	**X**	**X**	---	ANAB
Nitrosodimethylamine, N-	62-75-9	8270D-SIM	---	**X**	---	ANAB
Nitroso-di-N-propylamine, N-	621-64-7	8270C	**X**	**X**	---	ANAB
Nitroso-di-N-propylamine, N-	621-64-7	8270D	**X**	**X**	---	ANAB
Nitroso-di-N-propylamine, N-	621-64-7	8270D-SIM	**X**	**X**	---	ANAB
Nitrosodiphenylamine, N-	86-30-6	8270C	**X**	**X**	---	ANAB
Nitrosodiphenylamine, N-	86-30-6	8270D	**X**	**X**	---	ANAB
Nitrotoluene, m-	99-08-1	8330A	**X**	**X**	---	ANAB
Nitrotoluene, m-	99-08-1	8330B	**X**	**X**	---	ANAB
Nitrotoluene, o-	88-72-2	8330A	**X**	**X**	---	ANAB
Nitrotoluene, o-	88-72-2	8330B	**X**	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Nitrotoluene, p-	99-99-0	8330A	**X**	**X**	---	ANAB
Nitrotoluene, p-	99-99-0	8330B	**X**	**X**	---	ANAB
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0	8330A	**X**	**X**	---	ANAB
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0	8330B	**X**	**X**	---	ANAB
Octyl Phthalate, di-N-	117-84-0	8270C	**X**	**X**	---	ANAB
Octyl Phthalate, di-N-	117-84-0	8270D	**X**	**X**	---	ANAB
PCB - Aroclor-1016	12674-11-2	8082A	**X**	**X**	---	ANAB
PCB - Aroclor-1221	11104-28-2	8082A	**X**	**X**	---	ANAB
PCB - Aroclor-1232	11141-16-5	8082A	**X**	**X**	---	ANAB
PCB - Aroclor-1242	53469-21-9	8082A	**X**	**X**	---	ANAB
PCB - Aroclor-1248	12672-29-6	8082A	**X**	**X**	---	ANAB
PCB - Aroclor-1254	11097-69-1	8082A	**X**	**X**	---	ANAB
PCB - Aroclor-1260	11096-82-5	8082A	**X**	**X**	---	ANAB
PCB - Aroclor-1262	37324-23-5	8082A	**X**	**X**	---	ANAB
PCB - Aroclor-1268	11100-14-4	8082A	**X**	**X**	---	ANAB
Pentachlorophenol	87-86-5	8270C	**X**	**X**	---	ANAB
Pentachlorophenol	87-86-5	8270C-SIM	**X**	---	---	ANAB
Pentachlorophenol	87-86-5	8270D	**X**	**X**	---	ANAB
Pentachlorophenol	87-86-5	8270D-SIM	**X**	---	---	ANAB
Pentaerythritol tetranitrate (PETN)	78-11-5	8330A	**X**	**X**	---	ANAB
Pentaerythritol tetranitrate (PETN)	78-11-5	8330B	**X**	**X**	---	ANAB
Perfluorooctane Sulphonic Acid (PFOS)	1763-23-1	537	**X**	**X**	---	ANAB
Perfluorooctanoic acid (PFOA)	335-67-1	537	**X**	**X**	---	ANAB
Phenanthrene	85-01-8	8270C	**X**	**X**	---	ANAB
Phenanthrene	85-01-8	8270C-SIM	**X**	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Phenanthrene	85-01-8	8270D	**X**	**X**	---	ANAB
Phenanthrene	85-01-8	8270D-SIM	**X**	**X**	---	ANAB
Phenanthrene	85-01-8	TO-13A SIM	---	---	**X**	ANAB
Phenol	108-95-2	8270C	**X**	**X**	---	ANAB
Phenol	108-95-2	8270D	**X**	**X**	---	ANAB
Propyl benzene	103-65-1	8260B	**X**	**X**	---	ANAB
Propyl benzene	103-65-1	8260C	**X**	**X**	---	ANAB
Pyrene	129-00-0	8270C	**X**	**X**	---	ANAB
Pyrene	129-00-0	8270C-SIM	**X**	**X**	---	ANAB
Pyrene	129-00-0	8270D	**X**	**X**	---	ANAB
Pyrene	129-00-0	8270D-SIM	**X**	**X**	---	ANAB
Pyrene	129-00-0	TO-13A SIM	---	---	**X**	ANAB
Selenium	7782-49-2	6010B	**X**	**X**	---	ANAB
Selenium	7782-49-2	6010C	**X**	**X**	---	ANAB
Selenium	7782-49-2	6020A	**X**	**X**	---	ANAB
Silver	7440-22-4	6010B	**X**	**X**	---	ANAB
Silver	7440-22-4	6010C	**X**	**X**	---	ANAB
Silver	7440-22-4	6020A	**X**	**X**	---	ANAB
Styrene	100-42-5	8260B	**X**	**X**	---	ANAB
Styrene	100-42-5	8260C	**X**	**X**	---	ANAB
Styrene	100-42-5	TO-15 SIM	---	---	**X**	ANAB
TCDD, 2,3,7,8-	1746-01-6	8290A	**X**	**X**	---	ANAB
Tetrachloroethane, 1,1,1,2-	630-20-6	8260B	**X**	**X**	---	ANAB
Tetrachloroethane, 1,1,1,2-	630-20-6	8260C	**X**	**X**	---	ANAB
Tetrachloroethane, 1,1,2,2-	79-34-5	8260B	**X**	**X**	---	ANAB
Tetrachloroethane, 1,1,2,2-	79-34-5	8260C	**X**	**X**	---	ANAB
Tetrachloroethane, 1,1,2,2-	79-34-5	8260C	**X**	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Tetrachloroethane, 1,1,2,2-	79-34-5	TO-15	---	---	**X**	ANAB
Tetrachloroethane, 1,1,2,2-	79-34-5	TO-15 SIM	---	---	**X**	ANAB
Tetrachloroethylene	127-18-4	8260B	**X**	**X**	---	ANAB
Tetrachloroethylene	127-18-4	8260C	**X**	**X**	---	ANAB
Tetrachloroethylene	127-18-4	TO-15	---	---	**X**	ANAB
Tetrachloroethylene	127-18-4	TO-15 SIM	---	---	**X**	ANAB
Tetryl (Trinitrophenylmethylnitramine)	479-45-8	8330A	**X**	**X**	---	ANAB
Tetryl (Trinitrophenylmethylnitramine)	479-45-8	8330B	**X**	**X**	---	ANAB
Thallium, Total	7440-28-0	6010B	**X**	**X**	---	ANAB
Thallium, Total	7440-28-0	6010C	**X**	**X**	---	ANAB
Thallium, Total	7440-28-0	6020A	**X**	**X**	---	ANAB
Toluene	108-88-3	8260B	**X**	**X**	---	ANAB
Toluene	108-88-3	8260C	**X**	**X**	---	ANAB
Toluene	108-88-3	TO-15	---	---	**X**	ANAB
Toluene	108-88-3	TO-15 SIM	---	---	**X**	ANAB
Toxaphene	8001-35-2	8081A	**X**	**X**	---	ANAB
Toxaphene	8001-35-2	8081B	**X**	**X**	---	ANAB
Trichloro-1,2,2-trifluoroethane, 1,1,2- (Freon 113)	76-13-1	8260B	**X**	**X**	---	ANAB
Trichloro-1,2,2-trifluoroethane, 1,1,2- (Freon 113)	76-13-1	8260C	**X**	**X**	---	ANAB
Trichlorobenzene, 1,2,3-	87-61-6	8260B	**X**	**X**	---	ANAB
Trichlorobenzene, 1,2,3-	87-61-6	8260C	**X**	**X**	---	ANAB
Trichlorobenzene, 1,2,4-	120-82-1	8260B	**X**	**X**	---	ANAB
Trichlorobenzene, 1,2,4-	120-82-1	8260C	**X**	**X**	---	ANAB
Trichlorobenzene, 1,2,4-	120-82-1	TO-15	---	---	**X**	ANAB
Trichlorobenzene, 1,2,4-	120-82-1	TO-15 SIM	---	---	**X**	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Trichloroethane, 1,1,1-	71-55-6	8260B	**X**	**X**	---	ANAB
Trichloroethane, 1,1,1-	71-55-6	8260C	**X**	**X**	---	ANAB
Trichloroethane, 1,1,1-	71-55-6	TO-15	---	---	**X**	ANAB
Trichloroethane, 1,1,1-	71-55-6	TO-15 SIM	---	---	**X**	ANAB
Trichloroethane, 1,1,2-	79-00-5	8260B	**X**	**X**	---	ANAB
Trichloroethane, 1,1,2-	79-00-5	8260C	**X**	**X**	---	ANAB
Trichloroethane, 1,1,2-	79-00-5	TO-15	---	---	**X**	ANAB
Trichloroethane, 1,1,2-	79-00-5	TO-15 SIM	---	---	**X**	ANAB
Trichloroethylene	79-01-6	8260B	**X**	**X**	---	ANAB
Trichloroethylene	79-01-6	8260C	**X**	**X**	---	ANAB
Trichloroethylene	79-01-6	TO-15	---	---	**X**	ANAB
Trichloroethylene	79-01-6	TO-15 SIM	---	---	**X**	ANAB
Trichlorofluoromethane	75-69-4	8260B	**X**	**X**	---	ANAB
Trichlorofluoromethane	75-69-4	8260C	**X**	**X**	---	ANAB
Trichlorofluoromethane	75-69-4	TO-15	---	---	**X**	ANAB
Trichlorofluoromethane	75-69-4	TO-15 SIM	---	---	**X**	ANAB
Trichlorophenol, 2,4,5-	95-95-4	8270C	**X**	**X**	---	ANAB
Trichlorophenol, 2,4,5-	95-95-4	8270D	**X**	**X**	---	ANAB
Trichlorophenol, 2,4,6-	88-06-2	8270C	**X**	**X**	---	ANAB
Trichlorophenol, 2,4,6-	88-06-2	8270D	**X**	**X**	---	ANAB
Trichloropropane, 1,2,3-	96-18-4	8260B	**X**	**X**	---	ANAB
Trichloropropane, 1,2,3-	96-18-4	8260C	**X**	**X**	---	ANAB
Trimethylbenzene, 1,2,4-	95-63-6	8260B	**X**	**X**	---	ANAB
Trimethylbenzene, 1,2,4-	95-63-6	8260C	**X**	**X**	---	ANAB
Trimethylbenzene, 1,2,4-	95-63-6	TO-15	---	---	**X**	ANAB
Trimethylbenzene, 1,3,5-	108-67-8	8260B	**X**	**X**	---	ANAB
Trimethylbenzene, 1,3,5-	108-67-8	8260C	**X**	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Trimethylbenzene, 1,3,5-	108-67-8	TO-15	---	---	**X**	ANAB
Trinitrobenzene, 1,3,5-	99-35-4	8270C	**X**	**X**	---	ANAB
Trinitrobenzene, 1,3,5-	99-35-4	8270D	**X**	**X**	---	ANAB
Trinitrobenzene, 1,3,5-	99-35-4	8330A	**X**	**X**	---	ANAB
Trinitrobenzene, 1,3,5-	99-35-4	8330B	**X**	**X**	---	ANAB
Trinitrotoluene, 2,4,6-	118-96-7	8330A	**X**	**X**	---	ANAB
Trinitrotoluene, 2,4,6-	118-96-7	8330B	**X**	**X**	---	ANAB
Vanadium, Total	7440-62-2	6010B	**X**	**X**	---	ANAB
Vanadium, Total	7440-62-2	6010C	**X**	**X**	---	ANAB
Vanadium, Total	7440-62-2	6020A	**X**	**X**	---	ANAB
Vinyl Acetate	108-05-4	8260B	**X**	**X**	---	ANAB
Vinyl Acetate	108-05-4	8260C	**X**	**X**	---	ANAB
Vinyl Acetate	108-05-4	TO-15	---	---	**X**	ANAB
Vinyl Chloride	75-01-4	8260B	**X**	**X**	---	ANAB
Vinyl Chloride	75-01-4	8260C	**X**	**X**	---	ANAB
Vinyl Chloride	75-01-4	TO-15	---	---	**X**	ANAB
Vinyl Chloride	75-01-4	TO-15 SIM	---	---	**X**	ANAB
Xylene, m-	108-38-3	TO-15	---	---	**X**	ANAB
Xylene, m-	108-38-3	TO-15 SIM	---	---	**X**	ANAB
Xylene, m+p -	-	8260B	**X**	**X**	---	ANAB
Xylene, m+p -	-	8260C	**X**	**X**	---	ANAB
Xylene, o-	95-47-6	8260B	**X**	**X**	---	ANAB
Xylene, o-	95-47-6	8260C	**X**	**X**	---	ANAB
Xylene, o-	95-47-6	TO-15	---	---	**X**	ANAB
Xylene, o-	95-47-6	TO-15 SIM	---	---	**X**	ANAB
Xylene, p-	106-42-3	TO-15	---	---	**X**	ANAB
Xylene, p-	106-42-3	TO-15 SIM	---	---	**X**	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Xylene, Total	1330-20-7	8260C	**X**	**X**	---	ANAB
Zinc, Total	7440-66-6	6010B	**X**	**X**	---	ANAB
Zinc, Total	7440-66-6	6010C	**X**	**X**	---	ANAB
Zinc, Total	7440-66-6	6020A	**X**	**X**	---	ANAB
Gasoline Range Organics (C6 – C10)	N/A	AK 101	**X**	**X**	---	ANAB
Diesel Range Organics (C10 – C25)	N/A	AK 102	**X**	**X**	---	ANAB
Residual Range Organics (C25 – C36)	N/A	AK 103	**X**	**X**	---	ANAB
TCLP Extraction	N/A	1311	**X**	**X**	---	ANAB
SPLP	N/A	1312	**X**	**X**	---	ANAB
Acid Digestion for Metals Analysis	N/A	3010A	---	**X**	---	ANAB
Acid Digestion	N/A	3050B	**X**	**X**	---	ORELAP
Microwave Assisted Acid Digestion	N/A	3050B	**X**	---	---	ANAB
Separatory Funnel Extraction	N/A	3510C	---	**X**	---	ANAB
Soxhlet Extraction	N/A	3540C	**X**	---	---	ANAB
Ultrasonic Extraction	N/A	3550B	**X**	---	---	ANAB
Ultrasonic Extraction	N/A	3550C	**X**	---	---	ANAB
Florisil Cleanup	N/A	3620B	**X**	**X**	---	ORELAP
Florisil Cleanup	N/A	3620C	**X**	**X**	---	ANAB
Sulfur cleanup	N/A	3660B	---	**X**	---	ANAB
Purge and Trap	N/A	5030B	**X**	**X**	---	ANAB
Purge and Trap	N/A	5030C	---	**X**	---	ANAB
Closed System Purge and Trap	N/A	5035	**X**	**X**	---	ANAB
Closed System Purge and Trap	N/A	5035A	**X**	**X**	---	ANAB
Mercury Digestion	N/A	7470A	---	**X**	---	ORELAP
Mercury Digestion	N/A	7471A	**X**	---	---	ANAB

CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board
500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

TestAmerica Laboratories, Inc.
5755 8th Street East
Tacoma, WA 98424

has been assessed by ANAB
and meets the requirements of

ISO/IEC 17025:2005 and DoD-ELAP

while demonstrating technical competence in the field of

TESTING

Refer to the accompanying Scope of Accreditation for information regarding the types of tests to which this accreditation applies.

L2236
Certificate Number

ANAB Approval

Certificate Valid: 11/16/2017-01/19/2019
Version No. 002 Issued: 11/16/2017

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

ANSI-ASQ National Accreditation Board

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005 AND DOD QUALITY SYSTEMS MAUAL FOR ENVIRONMENTAL LABORATORIES (DOD QSM V5.1)

TestAmerica Laboratories, Inc
5755 8th Street East
Tacoma, WA 98424
Terri Torres
253-922-2310

TESTING

Valid to: **January 19, 2019** Certificate Number: **L2236**

Environmental

Non-Potable Water		
Technology	**Method**	**Analyte**
ICP-AES	EPA 6010B/6010C/200.7	Silver
ICP-AES	EPA 6010B/6010C/200.7	Aluminum
ICP-AES	EPA 6010B/6010C/200.7	Arsenic
ICP-AES	EPA 6010B/6010C/200.7	Boron
ICP-AES	EPA 6010B/6010C/200.7	Barium
ICP-AES	EPA 6010B/6010C/200.7	Beryllium
ICP-AES	EPA 6010B/6010C/200.7	Calcium
ICP-AES	EPA 6010B/6010C/200.7	Cadmium
ICP-AES	EPA 6010B/6010C/200.7	Cobalt
ICP-AES	EPA 6010B/6010C/200.7	Chromium
ICP-AES	EPA 6010B/6010C/200.7	Copper
ICP-AES	EPA 6010B/6010C/200.7	Iron
ICP-AES	EPA 6010B/6010C/200.7	Potassium
ICP-AES	EPA 6010B/6010C/200.7	Magnesium
ICP-AES	EPA 6010B/6010C/200.7	Manganese
ICP-AES	EPA 6010B/6010C/200.7	Molybdenum
ICP-AES	EPA 6010B/6010C/200.7	Sodium
ICP-AES	EPA 6010B/6010C/200.7	Nickel
ICP-AES	EPA 6010B/6010C/200.7	Lead

Non-Potable Water		
Technology	**Method**	**Analyte**
ICP-AES	EPA 6010B/6010C/200.7	Antimony
ICP-AES	EPA 6010B/6010C/200.7	Selenium
ICP-AES	EPA 6010B/6010C/200.7	Silicon
ICP-AES	EPA 6010B/6010C/200.7	Tin
ICP-AES	EPA 6010B/6010C/200.7	Titanium
ICP-AES	EPA 6010B/6010C/200.7	Strontium
ICP-AES	EPA 6010B/6010C/200.7	Thallium
ICP-AES	EPA 6010B/6010C/200.7	Vanadium
ICP-AES	EPA 6010B/6010C/200.7	Zinc
ICP-MS	EPA 6020/6020A/200.8	Silver
ICP-MS	EPA 6020/6020A/200.8	Arsenic
ICP-MS	EPA 6020/6020A/200.8	Barium
ICP-MS	EPA 6020/6020A/200.8	Beryllium
ICP-MS	EPA 6020/6020A/200.8	Cadmium
ICP-MS	EPA 6020/6020A/200.8	Cobalt
ICP-MS	EPA 6020/6020A/200.8	Chromium
ICP-MS	EPA 6020/6020A/200.8	Copper
ICP-MS	EPA 6020/6020A/200.8	Manganese
ICP-MS	EPA 6020/6020A/200.8	Molybdenum
ICP-MS	EPA 6020/6020A/200.8	Nickel
ICP-MS	EPA 6020/6020A/200.8	Lead
ICP-MS	EPA 6020/6020A/200.8	Antimony
ICP-MS	EPA 6020/6020A/200.8	Selenium
ICP-MS	EPA 6020/6020A/200.8	Thallium
ICP-MS	EPA 6020/6020A/200.8	Uranium
ICP-MS	EPA 6020/6020A/200.8	Vanadium
ICP-MS	EPA 6020/6020A/200.8	Zinc
CVAAS	EPA 7470A/245.1	Mercury
GC/MS	EPA 8260B/8260C/624	1,1,1,2-Tetrachloroethane
GC/MS	EPA 8260B/8260C/624	1,1,1-Trichloroethane
GC/MS	EPA 8260B/8260C/624	1,1,2,2-Tetrachloroethane
GC/MS	EPA 8260B/8260C/624	1,1,2-Trichloroethane
GC/MS	EPA 8260B/8260C/624	1,1-Dichloroethane
GC/MS	EPA 8260B/8260C/624	1,1-Dichloroethene
GC/MS	EPA 8260B/8260C/624	1,1-Dichloropropene
GC/MS	EPA 8260B/8260C/624	1,2,3-Trichlorobenzene

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/MS	EPA 8260B/8260C/624	1,2,3-Trichloropropane
GC/MS	EPA 8260B/8260C/624	1,2,4-Trichlorobenzene
GC/MS	EPA 8260B/8260C/624	1,2,4-Trimethylbenzene
GC/MS	EPA 8260B/8260C/624	1,2-Dibromo-3-Chloropropane
GC/MS	EPA 8260B/8260C/624	1,2-Dichlorobenzene
GC/MS	EPA 8260B/8260C/624	1,2-Dichloroethane
GC/MS	EPA 8260B/8260C/624	1,2-Dichloropropane
GC/MS	EPA 8260B/8260C/624	1,3,5-Trimethylbenzene
GC/MS	EPA 8260B/8260C/624	1,3-Dichloropropane
GC/MS	EPA 8260B/8260C/624	1,4-Dichlorobenzene
GC/MS	EPA 8260B/8260C/624	2,2-Dichloropropane
GC/MS	EPA 8260B/8260C/624	2-Chloroethylvinylether
GC/MS	EPA 8260B/8260C/624	2-Chlorotoluene
GC/MS	EPA 8260B/8260C/624	2-Hexanone
GC/MS	EPA 8260B/8260C/624	4-Chlorotoluene
GC/MS	EPA 8260B/8260C/624	4-Isopropyltoluene
GC/MS	EPA 8260B/8260C/624	Acetone
GC/MS	EPA 8260B/8260C/624	Acetonitrile
GC/MS	EPA 8260B/8260C/624	Acrolein
GC/MS	EPA 8260B/8260C/624	Acrylonitrile
GC/MS	EPA 8260B/8260C/624	Benzene
GC/MS	EPA 8260B/8260C/624	Bromobenzene
GC/MS	EPA 8260B/8260C/624	Bromodichloromethane
GC/MS	EPA 8260B/8260C/624	Bromoform
GC/MS	EPA 8260B/8260C/624	Bromomethane
GC/MS	EPA 8260B/8260C/624	Carbon disulfide
GC/MS	EPA 8260B/8260C/624	Carbon tetrachloride
GC/MS	EPA 8260B/8260C/624	Chlorobenzene
GC/MS	EPA 8260B/8260C/624	Chlorobromomethane
GC/MS	EPA 8260B/8260C/624	Chlorodibromomethane
GC/MS	EPA 8260B/8260C/624	Chloroethane
GC/MS	EPA 8260B/8260C/624	Chloroform
GC/MS	EPA 8260B/8260C/624	Chloromethane
GC/MS	EPA 8260B/8260C/624	cis-1,2-Dichloroethene
GC/MS	EPA 8260B/8260C/624	cis-1,3-Dichloropropene
GC/MS	EPA 8260B/8260C/624	Dibromomethane

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/MS	EPA 8260B/8260C/624	Dichlorodifluoromethane
GC/MS	EPA 8260B/8260C/624	Ethylbenzene
GC/MS	EPA 8260B/8260C/624	Ethylene Dibromide
GC/MS	EPA 8260B/8260C/624	Hexachlorobutadiene
GC/MS	EPA 8260B/8260C/624	Isopropylbenzene
GC/MS	EPA 8260B/8260C/624	Methyl Ethyl Ketone
GC/MS	EPA 8260B/8260C/624	Methyl Isobutyl Ketone
GC/MS	EPA 8260B/8260C/624	Methyl tert-butyl ether
GC/MS	EPA 8260B/8260C/624	Methylene Chloride
GC/MS	EPA 8260B/8260C/624	m-Xylene & p-Xylene
GC/MS	EPA 8260B/8260C/624	Naphthalene
GC/MS	EPA 8260B/8260C/624	n-Butylbenzene
GC/MS	EPA 8260B/8260C/624	N-Propylbenzene
GC/MS	EPA 8260B/8260C/624	o-Xylene
GC/MS	EPA 8260B/8260C/624	sec-Butylbenzene
GC/MS	EPA 8260B/8260C/624	Styrene
GC/MS	EPA 8260B/8260C/624	tert-Butylbenzene
GC/MS	EPA 8260B/8260C/624	Tetrachloroethene
GC/MS	EPA 8260B/8260C/624	Toluene
GC/MS	EPA 8260B/8260C/624	trans-1,2-Dichloroethene
GC/MS	EPA 8260B/8260C/624	trans-1,3-Dichloropropene
GC/MS	EPA 8260B/8260C/624	Trichloroethene
GC/MS	EPA 8260B/8260C/624	Trichlorofluoromethane
GC/MS	EPA 8260B/8260C/624	Vinyl Acetate
GC/MS	EPA 8260B/8260C/624	Vinyl chloride
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	1,1,1,2-Tetrachloroethane
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	1,1,2,2-Tetrachloroethane
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	1,1,2-Trichloroethane
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	1,1-Dichloroethene
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	1,2-Dichloroethane
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	1,4-Dichlorobenzene
GC/MS SIM	EPA 8260B SIM	2-Hexanone

Non-Potable Water		
Technology	**Method**	**Analyte**
	EPA 8260C SIM	
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	Benzene
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	Bromoform
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	Bromomethane
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	Butadiene
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	Chlorodibromomethane
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	Chloroform
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	cis-1,2-Dichloroethene
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	cis-1,3-Dichloropropene
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	Dibromomethane
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	Bromodichloromethane
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	Ethylene Dibromide
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	Hexachlorobutadiene
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	Isopropyl alcohol
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	Naphthalene
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	Tetrachloroethene
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	trans-1,3-Dichloropropene
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	Trichloroethene
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	Vinyl chloride
GC/MS	EPA 8270C/8270D/625	1-Methylnaphthalene
GC/MS	EPA 8270C/8270D/625	1,2,4-Trichlorobenzene
GC/MS	EPA 8270C/8270D/625	1,2-Dichlorobenzene
GC/MS	EPA 8270C/8270D/625	1,3-Dichlorobenzene

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/MS	EPA 8270C/8270D/625	1,4-Dichlorobenzene
GC/MS	EPA 8270C/8270D/625	bis(2-chloroisopropyl)ether
GC/MS	EPA 8270C/8270D/625	2,3,4,6-Tetrachlorophenol
GC/MS	EPA 8270C/8270D/625	2,4,5-Trichlorophenol
GC/MS	EPA 8270C/8270D/625	2,4,6-Trichlorophenol
GC/MS	EPA 8270C/8270D/625	2,4-Dichlorophenol
GC/MS	EPA 8270C/8270D/625	2,4-Dimethylphenol
GC/MS	EPA 8270C/8270D/625	2,4-Dinitrophenol
GC/MS	EPA 8270C/8270D/625	2,4-Dinitrotoluene
GC/MS	EPA 8270C/8270D/625	2,6-Dinitrotoluene
GC/MS	EPA 8270C/8270D/625	2-Chloronaphthalene
GC/MS	EPA 8270C/8270D/625	2-Chlorophenol
GC/MS	EPA 8270C/8270D/625	2-Methylnaphthalene
GC/MS	EPA 8270C/8270D/625	2-Methylphenol
GC/MS	EPA 8270C/8270D/625	2-Nitroaniline
GC/MS	EPA 8270C/8270D/625	2-Nitrophenol
GC/MS	EPA 8270C/8270D/625	3 & 4 Methylphenol
GC/MS	EPA 8270C/8270D/625	3,3'-Dichlorobenzidine
GC/MS	EPA 8270C/8270D/625	3-Nitroaniline
GC/MS	EPA 8270C/8270D/625	4,6-Dinitro-2-methylphenol
GC/MS	EPA 8270C/8270D/625	4-Bromophenyl phenyl ether
GC/MS	EPA 8270C/8270D/625	4-Chloro-3-methylphenol
GC/MS	EPA 8270C/8270D/625	4-Chloroaniline
GC/MS	EPA 8270C/8270D/625	4-Chlorophenyl phenyl ether
GC/MS	EPA 8270C/8270D/625	4-Nitroaniline
GC/MS	EPA 8270C/8270D/625	4-Nitrophenol
GC/MS	EPA 8270C/8270D/625	Acenaphthene
GC/MS	EPA 8270C/8270D/625	Acenaphthylene
GC/MS	EPA 8270C/8270D/625	Aniline
GC/MS	EPA 8270C/8270D/625	Anthracene
GC/MS	EPA 8270C/8270D/625	1,2-Diphenylhydrazine as Azobenzene
GC/MS	EPA 8270C/8270D/625	Benzo[a]anthracene
GC/MS	EPA 8270C/8270D/625	Benzo[a]pyrene
GC/MS	EPA 8270C/8270D/625	Benzo[b]fluoranthene
GC/MS	EPA 8270C/8270D/625	Benzo[g,h,i]perylene
GC/MS	EPA 8270C/8270D/625	Benzo[k]fluoranthene

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/MS	EPA 8270C/8270D/625	Benzoic acid
GC/MS	EPA 8270C/8270D/625	Benzyl alcohol
GC/MS	EPA 8270C/8270D/625	Bis(2-chloroethoxy)methane
GC/MS	EPA 8270C/8270D/625	Bis(2-chloroethyl)ether
GC/MS	EPA 8270C/8270D/625	Bis(2-ethylhexyl) phthalate
GC/MS	EPA 8270C/8270D/625	Butyl benzyl phthalate
GC/MS	EPA 8270C/8270D/625	Carbazole
GC/MS	EPA 8270C/8270D/625	Chrysene
GC/MS	EPA 8270C/8270D/625	Dibenz(a,h)anthracene
GC/MS	EPA 8270C/8270D/625	Dibenzofuran
GC/MS	EPA 8270C/8270D/625	Diethyl phthalate
GC/MS	EPA 8270C/8270D/625	Dimethyl phthalate
GC/MS	EPA 8270C/8270D/625	Di-n-butyl phthalate
GC/MS	EPA 8270C/8270D/625	Di-n-octyl phthalate
GC/MS	EPA 8270C/8270D/625	Fluoranthene
GC/MS	EPA 8270C/8270D/625	Fluorene
GC/MS	EPA 8270C/8270D/625	Hexachlorobenzene
GC/MS	EPA 8270C/8270D/625	Hexachlorobutadiene
GC/MS	EPA 8270C/8270D/625	Hexachlorocyclopentadiene
GC/MS	EPA 8270C/8270D/625	Hexachloroethane
GC/MS	EPA 8270C/8270D/625	Indeno[1,2,3-cd]pyrene
GC/MS	EPA 8270C/8270D/625	Isophorone
GC/MS	EPA 8270C/8270D/625	Naphthalene
GC/MS	EPA 8270C/8270D/625	Nitrobenzene
GC/MS	EPA 8270C/8270D/625	N-Nitrosodimethylamine
GC/MS	EPA 8270C/8270D/625	N-Nitrosodi-n-propylamine
GC/MS	EPA 8270C/8270D/625	N-Nitrosodiphenylamine
GC/MS	EPA 8270C/8270D/625	Pentachlorophenol
GC/MS	EPA 8270C/8270D/625	Phenanthrene
GC/MS	EPA 8270C/8270D/625	Phenol
GC/MS	EPA 8270C/8270D/625	Pyrene
GC/MS	EPA 8270C/8270D/625	Pyridine
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	1-Methylnaphthalene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	1,3-Dinitrobenzene

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	1,4-Dioxane
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	2-Methylnaphthalene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	2,4,6-Trichlorophenol
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	2,4-Dinitrophenol
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	2,4-Dinitrotoluene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	2,6-Dinitrotoluene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Acenaphthene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Acenaphthylene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Anthracene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Benzo[a]anthracene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Benzo[a]pyrene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Benzo[b]fluoranthene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Benzo[g,h,i]perylene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Benzo[k]fluoranthene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Bis(2-chloroethyl)ether
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Chrysene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Dibenz(a,h)anthracene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Fluoranthene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Fluorene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Hexachlorobenzene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Hexachlorobutadiene

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Hexachlorocyclopentadiene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Hexachloroethane
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Indeno[1,2,3-cd]pyrene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Naphthalene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Nitrobenzene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	N-Nitrosodimethylamine
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	N-Nitrosodi-n-propylamine
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Pentachlorophenol
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Phenanthrene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Pyrene
GC-ECD	EPA 8011/504.1	1,2-Dibromoethane
GC-ECD	EPA 8011/504.1	1,2-Dibromo-3-Chloropropane
GC-ECD	EPA 8011/504.1	1,2,3-Trichloropropane
GC-ECD	EPA 8081A/8081B/608	4,4'-DDD
GC-ECD	EPA 8081A/8081B/608	4,4'-DDE
GC-ECD	EPA 8081A/8081B/608	4,4'-DDT
GC-ECD	EPA 8081A/8081B/608	Aldrin
GC-ECD	EPA 8081A/8081B/608	alpha-BHC
GC-ECD	EPA 8081A/8081B/608	alpha-Chlordane
GC-ECD	EPA 8081A/8081B/608	beta-BHC
GC-ECD	EPA 8081A/8081B/608	delta-BHC
GC-ECD	EPA 8081A/8081B/608	Dieldrin
GC-ECD	EPA 8081A/8081B/608	Endosulfan I
GC-ECD	EPA 8081A/8081B/608	Endosulfan II
GC-ECD	EPA 8081A/8081B/608	Endosulfan sulfate
GC-ECD	EPA 8081A/8081B/608	Endrin
GC-ECD	EPA 8081A/8081B/608	Endrin aldehyde
GC-ECD	EPA 8081A/8081B/608	Endrin ketone
GC-ECD	EPA 8081A/8081B/608	gamma-BHC (Lindane)

Non-Potable Water		
Technology	**Method**	**Analyte**
GC-ECD	EPA 8081A/8081B/608	gamma-Chlordane
GC-ECD	EPA 8081A/8081B/608	Heptachlor
GC-ECD	EPA 8081A/8081B/608	Heptachlor epoxide
GC-ECD	EPA 8081A/8081B/608	Methoxychlor
GC-ECD	EPA 8081A/8081B/608	Technical Chlordane
GC-ECD	EPA 8081A/8081B/608	Toxaphene
GC-ECD	EPA 8082/8082A/608	PCB-1016
GC-ECD	EPA 8082/8082A/608	PCB-1221
GC-ECD	EPA 8082/8082A/608	PCB-1232
GC-ECD	EPA 8082/8082A/608	PCB-1242
GC-ECD	EPA 8082/8082A/608	PCB-1248
GC-ECD	EPA 8082/8082A/608	PCB-1254
GC-ECD	EPA 8082/8082A/608	PCB-1260
GC-ECD	EPA 8082/8082A/608	PCB-1262
GC-ECD	EPA 8082/8082A/608	PCB-1268
GC-IT/MS	EPA 8151A MOD	2,4,5-T
GC-IT/MS	EPA 8151A MOD	2,4-D
GC-IT/MS	EPA 8151A MOD	2,4-DB
GC-IT/MS	EPA 8151A MOD	4-Nitrophenol
GC-IT/MS	EPA 8151A MOD	Dalapon
GC-IT/MS	EPA 8151A MOD	Dicamba
GC-IT/MS	EPA 8151A MOD	Dichlorprop
GC-IT/MS	EPA 8151A MOD	Dinoseb
GC-IT/MS	EPA 8151A MOD	MCPA
GC-IT/MS	EPA 8151A MOD	Mecoprop
GC-IT/MS	EPA 8151A MOD	Pentachlorophenol
GC-IT/MS	EPA 8151A MOD	Silvex (2,4,5-TP)
GC-FID	EPA 8015B	Gasoline
GC-FID	AK101	Gasoline
GC-FID	NWTPH-Gx	Gasoline
GC-FID	NWVPH	Volatile Petroleum Hydrocarbons
GC-FID	EPA 8015B	Diesel
GC-FID	AK102	Diesel
GC-FID	NWTPH-Dx	Diesel
GC-FID	NWEPH	Extractable Petroleum Hydrocarbons
GC-FID	EPA 8015B	Motor Oil

Non-Potable Water		
Technology	**Method**	**Analyte**
GC-FID	AK103	Motor Oil
GC-FID	NWTPH-Dx	Motor Oil
Titration	EPA 310.1 / SM 2320B	Alkalinity
Colorimetric / RFA	EPA 353.2	Nitrate
Colorimetric / RFA	EPA 353.2	Nitrite
Colorimetric / RFA	EPA 353.2	Nitrate + Nitrite
Probe	EPA 405.1 / SM 5210B	BOD
Titration	EPA 410.2 SM 5220C	COD
Colorimetric / RFA	SM 5220D 21st Ed	COD
Gravimetric	EPA 1664A	Oil & Grease
Colorimetric/RFA	EPA 9012A	Total Cyanides
Colorimetric	EPA 7196A	Hexavalent Chromium
Ion Chromatography	EPA 300.0/9056A	Bromide
Ion Chromatography	EPA 300.0/9056A	Chloride
Ion Chromatography	EPA 300.0/9056A	Fluoride
Ion Chromatography	EPA 300.0/9056A	Sulfate
Ion Chromatography	EPA 300.0/9056A	Nitrate
Ion Chromatography	EPA 300.0/9056A	Nitrite
TOC Analyzer (IR)	EPA 415.1/9060	TOC
Probe	EPA 9040B/9045C/150.1	pH
Conductivity meter	EPA 9050A/120.1 SM 2510B	Specific Conductance
Setaflash	EPA 1020A	Flashpoint
Preparation	**Method**	**Type**
Separatory Funnel Liquid-Liquid Extraction	EPA 3510C	Semivolatile and Nonvolatile Organics
Continuous Liquid-Liquid Extraction	EPA 3520C	Semivolatile and Nonvolatile Organics
Purge and Trap	EPA 5030B	Volatile Organic Compounds
Acid Digestion (Aqueous)	EPA 3005A/3010A	Inorganics
TCLP Extraction	EPA 1311	Toxicity Characteristic Leaching Procedure
Florisil Cleanup	EPA 3620B	Cleanup of pesticide residues and other chlorinated hydrocarbons
Silica Gel Cleanup	EPA 3630C	Column Cleanup

Non-Potable Water		
Technology	**Method**	**Analyte**
Sulfur Cleanup	EPA 3660B	Sulfur Cleanup Reagent
Sulfuric Acid Cleanup	EPA 3665A	Cleanup for Quantization of PCBs

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
ICP-AES	EPA 6010B/6010C	Silver
ICP-AES	EPA 6010B/6010C	Aluminum
ICP-AES	EPA 6010B/6010C	Arsenic
ICP-AES	EPA 6010B/6010C	Boron
ICP-AES	EPA 6010B/6010C	Barium
ICP-AES	EPA 6010B/6010C	Beryllium
ICP-AES	EPA 6010B/6010C	Calcium
ICP-AES	EPA 6010B/6010C	Cadmium
ICP-AES	EPA 6010B/6010C	Cobalt
ICP-AES	EPA 6010B/6010C	Chromium
ICP-AES	EPA 6010B/6010C	Copper
ICP-AES	EPA 6010B/6010C	Iron
ICP-AES	EPA 6010B/6010C	Potassium
ICP-AES	EPA 6010B/6010C	Magnesium
ICP-AES	EPA 6010B/6010C	Manganese
ICP-AES	EPA 6010B/6010C	Molybdenum
ICP-AES	EPA 6010B/6010C	Sodium
ICP-AES	EPA 6010B/6010C	Nickel
ICP-AES	EPA 6010B/6010C	Lead
ICP-AES	EPA 6010B/6010C	Antimony
ICP-AES	EPA 6010B/6010C	Selenium
ICP-AES	EPA 6010B/6010C	Silicon
ICP-AES	EPA 6010B/6010C	Tin
ICP-AES	EPA 6010B/6010C	Titanium
ICP-AES	EPA 6010B/6010C	Strontium
ICP-AES	EPA 6010B/6010C	Thallium
ICP-AES	EPA 6010B/6010C	Vanadium
ICP-AES	EPA 6010B/6010C	Zinc
ICP-MS	EPA 6020/6020A	Silver

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
ICP-MS	EPA 6020/6020A	Arsenic
ICP-MS	EPA 6020/6020A	Barium
ICP-MS	EPA 6020/6020A	Beryllium
ICP-MS	EPA 6020/6020A	Cadmium
ICP-MS	EPA 6020/6020A	Cobalt
ICP-MS	EPA 6020/6020A	Chromium
ICP-MS	EPA 6020/6020A	Copper
ICP-MS	EPA 6020/6020A	Manganese
ICP-MS	EPA 6020/6020A	Molybdenum
ICP-MS	EPA 6020/6020A	Nickel
ICP-MS	EPA 6020/6020A	Lead
ICP-MS	EPA 6020/6020A	Antimony
ICP-MS	EPA 6020/6020A	Selenium
ICP-MS	EPA 6020/6020A	Thallium
ICP-MS	EPA 6020/6020A	Uranium
ICP-MS	EPA 6020/6020A	Vanadium
ICP-MS	EPA 6020/6020A	Zinc
CVAAS	EPA 7471A	Mercury
GC/MS	EPA 8260B/8260C	1,1,1,2-Tetrachloroethane
GC/MS	EPA 8260B/8260C	1,1,1-Trichloroethane
GC/MS	EPA 8260B/8260C	1,1,2,2-Tetrachloroethane
GC/MS	EPA 8260B/8260C	1,1,2-Trichloroethane
GC/MS	EPA 8260B/8260C	1,1-Dichloroethane
GC/MS	EPA 8260B/8260C	1,1-Dichloroethene
GC/MS	EPA 8260B/8260C	1,1-Dichloropropene
GC/MS	EPA 8260B/8260C	1,2,3-Trichlorobenzene
GC/MS	EPA 8260B/8260C	1,2,3-Trichloropropane
GC/MS	EPA 8260B/8260C	1,2,4-Trichlorobenzene
GC/MS	EPA 8260B/8260C	1,2,4-Trimethylbenzene
GC/MS	EPA 8260B/8260C	1,2-Dibromo-3-Chloropropane
GC/MS	EPA 8260B/8260C	1,2-Dichlorobenzene
GC/MS	EPA 8260B/8260C	1,2-Dichloroethane
GC/MS	EPA 8260B/8260C	1,2-Dichloropropane
GC/MS	EPA 8260B/8260C	1,3,5-Trimethylbenzene
GC/MS	EPA 8260B/8260C	1,3-Dichlorobenzene
GC/MS	EPA 8260B/8260C	1,3-Dichloropropane

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC/MS	EPA 8260B/8260C	1,4-Dichlorobenzene
GC/MS	EPA 8260B/8260C	2,2-Dichloropropane
GC/MS	EPA 8260B/8260C	2-Chloroethylvinylether
GC/MS	EPA 8260B/8260C	2-Chlorotoluene
GC/MS	EPA 8260B/8260C	2-Hexanone
GC/MS	EPA 8260B/8260C	4-Chlorotoluene
GC/MS	EPA 8260B/8260C	4-Isopropyltoluene
GC/MS	EPA 8260B/8260C	Acetone
GC/MS	EPA 8260B/8260C	Acetonitrile
GC/MS	EPA 8260B/8260C	Acrolein
GC/MS	EPA 8260B/8260C	Acrylonitrile
GC/MS	EPA 8260B/8260C	Benzene
GC/MS	EPA 8260B/8260C	Bromobenzene
GC/MS	EPA 8260B/8260C	Bromodichloromethane
GC/MS	EPA 8260B/8260C	Bromoform
GC/MS	EPA 8260B/8260C	Bromomethane
GC/MS	EPA 8260B/8260C	Carbon disulfide
GC/MS	EPA 8260B/8260C	Carbon tetrachloride
GC/MS	EPA 8260B/8260C	Chlorobenzene
GC/MS	EPA 8260B/8260C	Chlorobromomethane
GC/MS	EPA 8260B/8260C	Chlorodibromomethane
GC/MS	EPA 8260B/8260C	Chloroethane
GC/MS	EPA 8260B/8260C	Chloroform
GC/MS	EPA 8260B/8260C	Chloromethane
GC/MS	EPA 8260B/8260C	cis-1,2-Dichloroethene
GC/MS	EPA 8260B/8260C	cis-1,3-Dichloropropene
GC/MS	EPA 8260B/8260C	Dibromomethane
GC/MS	EPA 8260B/8260C	Dichlorodifluoromethane
GC/MS	EPA 8260B/8260C	Ethylbenzene
GC/MS	EPA 8260B/8260C	Ethylene Dibromide
GC/MS	EPA 8260B/8260C	Hexachlorobutadiene
GC/MS	EPA 8260B/8260C	Isopropylbenzene
GC/MS	EPA 8260B/8260C	Methyl Ethyl Ketone
GC/MS	EPA 8260B/8260C	Methyl Isobutyl Ketone
GC/MS	EPA 8260B/8260C	Methyl tert-butyl ether
GC/MS	EPA 8260B/8260C	Methylene Chloride

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC/MS	EPA 8260B/8260C	m-Xylene & p-Xylene
GC/MS	EPA 8260B/8260C	Naphthalene
GC/MS	EPA 8260B/8260C	n-Butylbenzene
GC/MS	EPA 8260B/8260C	N-Propylbenzene
GC/MS	EPA 8260B/8260C	o-Xylene
GC/MS	EPA 8260B/8260C	sec-Butylbenzene
GC/MS	EPA 8260B/8260C	Styrene
GC/MS	EPA 8260B/8260C	tert-Butylbenzene
GC/MS	EPA 8260B/8260C	Tetrachloroethene
GC/MS	EPA 8260B/8260C	Toluene
GC/MS	EPA 8260B/8260C	trans-1,2-Dichloroethene
GC/MS	EPA 8260B/8260C	trans-1,3-Dichloropropene
GC/MS	EPA 8260B/8260C	Trichloroethene
GC/MS	EPA 8260B/8260C	Trichlorofluoromethane
GC/MS	EPA 8260B/8260C	Vinyl Acetate
GC/MS	EPA 8260B/8260C	Vinyl chloride
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	1,1,1,2-Tetrachloroethane
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	1,1,2,2-Tetrachloroethane
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	1,1,2-Trichloroethane
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	1,1-Dichloroethene
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	1,2-Dichloroethane
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	1,4-Dichlorobenzene
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	2-Hexanone
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	Benzene
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	Bromoform
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	Bromomethane
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	Butadiene
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	Chlorodibromomethane

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	Chloroform
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	cis-1,2-Dichloroethene
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	cis-1,3-Dichloropropene
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	Dibromomethane
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	Bromodichloromethane
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	Ethylene Dibromide
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	Hexachlorobutadiene
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	Isopropyl alcohol
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	Naphthalene
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	Tetrachloroethene
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	trans-1,3-Dichloropropene
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	Trichloroethene
GC/MS SIM	EPA 8260B SIM EPA 8260C SIM	Vinyl chloride
GC/MS	EPA 8270C/8270D	1-Methylnaphthalene
GC/MS	EPA 8270C/8270D	1,2,4-Trichlorobenzene
GC/MS	EPA 8270C/8270D	1,2-Dichlorobenzene
GC/MS	EPA 8270C/8270D	1,3-Dichlorobenzene
GC/MS	EPA 8270C/8270D	1,4-Dichlorobenzene
GC/MS	EPA 8270C/8270D	bis(2-chloroisopropyl)ether
GC/MS	EPA 8270C/8270D	2,3,4,6-Tetrachlorophenol
GC/MS	EPA 8270C/8270D	2,4,5-Trichlorophenol
GC/MS	EPA 8270C/8270D	2,4,6-Trichlorophenol
GC/MS	EPA 8270C/8270D	2,4-Dichlorophenol
GC/MS	EPA 8270C/8270D	2,4-Dimethylphenol
GC/MS	EPA 8270C/8270D	2,4-Dinitrophenol
GC/MS	EPA 8270C/8270D	2,4-Dinitrotoluene

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC/MS	EPA 8270C/8270D	2,6-Dinitrotoluene
GC/MS	EPA 8270C/8270D	2-Chloronaphthalene
GC/MS	EPA 8270C/8270D	2-Chlorophenol
GC/MS	EPA 8270C/8270D	2-Methylnaphthalene
GC/MS	EPA 8270C/8270D	2-Methylphenol
GC/MS	EPA 8270C/8270D	2-Nitroaniline
GC/MS	EPA 8270C/8270D	2-Nitrophenol
GC/MS	EPA 8270C/8270D	3 & 4 Methylphenol
GC/MS	EPA 8270C/8270D	3,3'-Dichlorobenzidine
GC/MS	EPA 8270C/8270D	3-Nitroaniline
GC/MS	EPA 8270C/8270D	4,6-Dinitro-2-methylphenol
GC/MS	EPA 8270C/8270D	4-Bromophenyl phenyl ether
GC/MS	EPA 8270C/8270D	4-Chloro-3-methylphenol
GC/MS	EPA 8270C/8270D	4-Chloroaniline
GC/MS	EPA 8270C/8270D	4-Chlorophenyl phenyl ether
GC/MS	EPA 8270C/8270D	4-Nitroaniline
GC/MS	EPA 8270C/8270D	4-Nitrophenol
GC/MS	EPA 8270C/8270D	Acenaphthene
GC/MS	EPA 8270C/8270D	Acenaphthylene
GC/MS	EPA 8270C/8270D	Aniline
GC/MS	EPA 8270C/8270D	Anthracene
GC/MS	EPA 8270C/8270D	1,2-Diphenylhydrazine as Azobenzene
GC/MS	EPA 8270C/8270D	Benzo[a]anthracene
GC/MS	EPA 8270C/8270D	Benzo[a]pyrene
GC/MS	EPA 8270C/8270D	Benzo[b]fluoranthene
GC/MS	EPA 8270C/8270D	Benzo[g,h,i]perylene
GC/MS	EPA 8270C/8270D	Benzo[k]fluoranthene
GC/MS	EPA 8270C/8270D	Benzoic acid
GC/MS	EPA 8270C/8270D	Benzyl alcohol
GC/MS	EPA 8270C/8270D	Bis(2-chloroethoxy)methane
GC/MS	EPA 8270C/8270D	Bis(2-chloroethyl)ether
GC/MS	EPA 8270C/8270D	Bis(2-ethylhexyl) phthalate
GC/MS	EPA 8270C/8270D	Butyl benzyl phthalate
GC/MS	EPA 8270C/8270D	Carbazole
GC/MS	EPA 8270C/8270D	Chrysene
GC/MS	EPA 8270C/8270D	Dibenz(a,h)anthracene

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC/MS	EPA 8270C/8270D	Dibenzofuran
GC/MS	EPA 8270C/8270D	Diethyl phthalate
GC/MS	EPA 8270C/8270D	Dimethyl phthalate
GC/MS	EPA 8270C/8270D	Di-n-butyl phthalate
GC/MS	EPA 8270C/8270D	Di-n-octyl phthalate
GC/MS	EPA 8270C/8270D	Fluoranthene
GC/MS	EPA 8270C/8270D	Fluorene
GC/MS	EPA 8270C/8270D	Hexachlorobenzene
GC/MS	EPA 8270C/8270D	Hexachlorobutadiene
GC/MS	EPA 8270C/8270D	Hexachlorocyclopentadiene
GC/MS	EPA 8270C/8270D	Hexachloroethane
GC/MS	EPA 8270C/8270D	Indeno[1,2,3-cd]pyrene
GC/MS	EPA 8270C/8270D	Isophorone
GC/MS	EPA 8270C/8270D	Naphthalene
GC/MS	EPA 8270C/8270D	Nitrobenzene
GC/MS	EPA 8270C/8270D	N-Nitrosodimethylamine
GC/MS	EPA 8270C/8270D	N-Nitrosodi-n-propylamine
GC/MS	EPA 8270C/8270D	N-Nitrosodiphenylamine
GC/MS	EPA 8270C/8270D	Pentachlorophenol
GC/MS	EPA 8270C/8270D	Phenanthrene
GC/MS	EPA 8270C/8270D	Phenol
GC/MS	EPA 8270C/8270D	Pyrene
GC/MS	EPA 8270C/8270D	Pyridine
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	1-Methylnaphthalene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	1,3-Dinitrobenzene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	1,4-Dioxane
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	2-Methylnaphthalene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	2,4,6-Trichlorophenol
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	2,4-Dinitrophenol
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	2,4-Dinitrotoluene

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	2,6-Dinitrotoluene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	3,3'-Dichlorobenzidine
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	4-Chloroaniline
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Acenaphthene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Acenaphthylene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Anthracene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Benzo[a]anthracene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Benzo[a]pyrene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Benzo[b]fluoranthene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Benzo[g,h,i]perylene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Benzo[k]fluoranthene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Bis(2-chloroethyl)ether
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Chrysene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Dibenz(a,h)anthracene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Fluoranthene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Fluorene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Hexachlorobenzene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Hexachlorobutadiene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Hexachlorocyclopentadiene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Hexachloroethane
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Indeno[1,2,3-cd]pyrene

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Naphthalene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Nitrobenzene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	N-Nitrosodimethylamine
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	N-Nitrosodi-n-propylamine
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Pentachlorophenol
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Phenanthrene
GC/MS SIM	EPA 8270C SIM EPA 8270D SIM	Pyrene
GC-ECD	EPA 8011	1,2-Dibromoethane
GC-ECD	EPA 8011	1,2-Dibromo-3-Chloropropane
GC-ECD	EPA 8011	1,2,3-Trichloropropane
GC-ECD	EPA 8081A/8081B	4,4'-DDD
GC-ECD	EPA 8081A/8081B	4,4'-DDE
GC-ECD	EPA 8081A/8081B	4,4'-DDT
GC-ECD	EPA 8081A/8081B	Aldrin
GC-ECD	EPA 8081A/8081B	alpha-BHC
GC-ECD	EPA 8081A/8081B	alpha-Chlordane
GC-ECD	EPA 8081A/8081B	beta-BHC
GC-ECD	EPA 8081A/8081B	delta-BHC
GC-ECD	EPA 8081A/8081B	Dieldrin
GC-ECD	EPA 8081A/8081B	Endosulfan I
GC-ECD	EPA 8081A/8081B	Endosulfan II
GC-ECD	EPA 8081A/8081B	Endosulfan sulfate
GC-ECD	EPA 8081A/8081B	Endrin
GC-ECD	EPA 8081A/8081B	Endrin aldehyde
GC-ECD	EPA 8081A/8081B	Endrin ketone
GC-ECD	EPA 8081A/8081B	gamma-BHC (Lindane)
GC-ECD	EPA 8081A/8081B	gamma-Chlordane
GC-ECD	EPA 8081A/8081B	Heptachlor
GC-ECD	EPA 8081A/8081B	Heptachlor epoxide
GC-ECD	EPA 8081A/8081B	Methoxychlor
GC-ECD	EPA 8081A/8081B	Technical Chlordane

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC-ECD	EPA 8081A/8081B	Toxaphene
GC-ECD	EPA 8082/8082A	PCB-1016
GC-ECD	EPA 8082/8082A	PCB-1221
GC-ECD	EPA 8082/8082A	PCB-1232
GC-ECD	EPA 8082/8082A	PCB-1242
GC-ECD	EPA 8082/8082A	PCB-1248
GC-ECD	EPA 8082/8082A	PCB-1254
GC-ECD	EPA 8082/8082A	PCB-1260
GC-ECD	EPA 8082/8082A	PCB-1262
GC-ECD	EPA 8082/8082A	PCB-1268
GC-IT/MS	EPA 8151A MOD	2,4,5-T
GC-IT/MS	EPA 8151A MOD	2,4-D
GC-IT/MS	EPA 8151A MOD	2,4-DB
GC-IT/MS	EPA 8151A MOD	4-Nitrophenol
GC-IT/MS	EPA 8151A MOD	Dalapon
GC-IT/MS	EPA 8151A MOD	Dicamba
GC-IT/MS	EPA 8151A MOD	Dichlorprop
GC-IT/MS	EPA 8151A MOD	Dinoseb
GC-IT/MS	EPA 8151A MOD	MCPA
GC-IT/MS	EPA 8151A MOD	Mecoprop MCPP
GC-IT/MS	EPA 8151A MOD	Pentachlorophenol
GC-IT/MS	EPA 8151A MOD	Silvex (2,4,5-TP)
GC-FID	EPA 8015B	Gasoline
GC-FID	AK101	Gasoline
GC-FID	NWTPH-Gx	Gasoline
GC-FID	NWVPH	Volatile Petroleum Hydrocarbons
GC-FID	EPA 8015B	Diesel
GC-FID	AK102	Diesel
GC-FID	NWTPH-Dx	Diesel
GC-FID	NWEPH	Extractable Petroleum Hydrocarbons
GC-FID	EPA 8015B	Motor Oil
GC-FID	AK103	Motor Oil
GC-FID	NWTPH-Dx	Motor Oil
Colorimetric/RFA	EPA 9012A	Total Cyanides
Ion Chromatography	EPA 300.0/9056A	Bromide

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
Ion Chromatography	EPA 300.0/9056A	Chloride
Ion Chromatography	EPA 300.0/9056A	Fluoride
Ion Chromatography	EPA 300.0/9056A	Sulfate
Ion Chromatography	EPA 300.0/9056A	Nitrate
Ion Chromatography	EPA 300.0/9056A	Nitrite
TOC Analyzer (IR)	EPA 9060	TOC
Probe	EPA 9040B/9045C	pH/Corrosivity
Conductivity meter	EPA 9050A	Specific Conductance
Setaflash	EPA 1020A	Flashpoint
Separatory Funnel Liquid-Liquid Extraction	EPA 3510C	Semivolatile and Nonvolatile Organics
Continuous Liquid-Liquid Extraction	EPA 3520C	Semivolatile and Nonvolatile Organics
Microwave Extraction	EPA 3546	Semivolatile and Nonvolatile Organics
Ultrasonic Extraction	EPA 3550B	Semivolatile and Nonvolatile Organics
Solvent Dilution	EPA 3580A	Semivolatile and Nonvolatile Organics
Waste Dilution	EPA 3585	Volatile Organic Compounds
Purge and Trap	EPA 5030B	Volatile Organic Compounds
Purge and Trap	EPA 5035A	Volatile Organic Compounds
Acid Digestion (Aqueous)	EPA 3005A/3010A	Inorganics
Acid Digestion (Sediments, Sludges, Soils)	EPA 3050B	Inorganics
TCLP Extraction	EPA 1311	Toxicity Characteristic Leaching Procedure
Florisil Cleanup	EPA 3620B	Cleanup of pesticide residues and other chlorinated hydrocarbons
Silica Gel Cleanup	EPA 3630C	Column Cleanup
Sulfur Cleanup	EPA 3660B	Sulfur Cleanup Reagent
Sulfuric Acid Cleanup	EPA 3665A	Cleanup for Quantitation of PCBs

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. L2236

Vice President

THE STATE of ALASKA
GOVERNOR BILL WALKER

Department of Environmental Conservation

DIVISION OF SPILL PREVENTION AND RESPONSE
Contaminated Sites Program
Laboratory Approval Program

555 Cordova Street
Anchorage, Alaska 99501
Main: 907.465.5390
Fax: 907.269.7649
cs.lab.cert@alaska.gov

February 12, 2018

Dennis Bean
TestAmerica – Seattle
5755 8th Street East
Tacoma, WA 98424

RE: Contaminated Sites Laboratory Approval **17-024**

Dear Mr. Bean,

Thank you for submitting an application to the Alaska Department of Environmental Conservation's Contaminated Sites Laboratory Approval Program (CS-LAP), on October 31, 2017. Based on your lab's National Environmental Laboratory Accreditation Program (NELAP) approval through the Oregon Environmental Laboratory Accreditation Program (ORELAP), and Department of Defense Environmental Laboratory Accreditation Program (DoD-ELAP) approval through the ANSI-ASQ National Accreditation Board (ANAB), TestAmerica – Seattle, located at the above address, is granted ***Approved*** status to perform the analyses listed in the attached *Scope of Approval*, for Alaska contaminated sites projects, including underground storage tanks and leaking underground storage tank sites (UST/LUST), under the July 1, 2017 amendments to 18 AAC 78. This approval expires on ***January 19, 2019***.

Be aware that **any** changes in your NELAP or DoD-ELAP approval status must be reported to the CS program within 3 business days. Failure to do so will result in revocation of **all** CS-LAP approvals for a period of one year. Notification should be in writing sent to cs.lab.cert@alaska.gov. We recommend also contacting the CS-LAP by telephone to verify that the message was received.

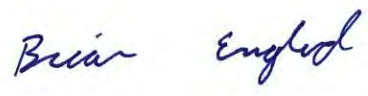
To report any changes in your lab's contact information (i.e. lab director, business name, location, etc.), please complete the form found at http://dec.alaska.gov/spar/csp/LabApproval/ApplyForApproval.htm and submit to cs.submittals@alaska.gov.

To apply for renewal of your approval, please complete the application found at http://dec.alaska.gov/spar/csp/LabApproval/ApplyForApproval.htm and submit to cs.submittals@alaska.gov. The required documentation must be submitted for renewal no later than 30 days before your date of expiration.

Please remember to include the laboratory's ID number, listed above, on all correspondence concerning the laboratory.

If you have any questions, please contact the CS-LAP at (907) 465-5390, or by email at cs.lab.cert@alaska.gov. Labs are also highly encouraged to join the CS-LAP listserv by going to http://list.state.ak.us/mailman/listinfo/cs.lab.approval.

Respectfully,



Brian Englund
Alaska CS Lab Approval Officer

Attachment: Scope of Approval

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Acenaphthene	83-32-9	625	---	**X**	---	ANAB
Acenaphthene	83-32-9	8270C	**X**	**X**	---	ANAB
Acenaphthene	83-32-9	8270C-SIM	**X**	**X**	---	ANAB
Acenaphthene	83-32-9	8270D	**X**	**X**	---	ANAB
Acenaphthene	83-32-9	8270D-SIM	**X**	**X**	---	ANAB
Acenaphthylene	208-96-8	625	---	**X**	---	ANAB
Acenaphthylene	208-96-8	8270C	**X**	**X**	---	ANAB
Acenaphthylene	208-96-8	8270C-SIM	**X**	**X**	---	ANAB
Acenaphthylene	208-96-8	8270D	**X**	**X**	---	ANAB
Acenaphthylene	208-96-8	8270D-SIM	**X**	**X**	---	ANAB
Acetone	67-64-1	624	---	**X**	---	ANAB
Acetone	67-64-1	8260B	**X**	**X**	---	ANAB
Acetone	67-64-1	8260C	**X**	**X**	---	ANAB
Aldrin	309-00-2	608	---	**X**	---	ANAB
Aldrin	309-00-2	8081A	**X**	**X**	---	ANAB
Aldrin	309-00-2	8081B	**X**	**X**	---	ANAB
Anthracene	120-12-7	625	---	**X**	---	ANAB
Anthracene	120-12-7	8270C	**X**	**X**	---	ANAB
Anthracene	120-12-7	8270C-SIM	**X**	**X**	---	ANAB
Anthracene	120-12-7	8270D	**X**	**X**	---	ANAB
Anthracene	120-12-7	8270D-SIM	**X**	**X**	---	ANAB
Antimony (metallic)	7440-36-0	200.7	---	**X**	---	ANAB
Antimony (metallic)	7440-36-0	200.8	---	**X**	---	ANAB
Antimony (metallic)	7440-36-0	6010B	**X**	**X**	---	ANAB
Antimony (metallic)	7440-36-0	6010C	**X**	**X**	---	ANAB
Antimony (metallic)	7440-36-0	6020A	**X**	**X**	---	ANAB
Antimony (metallic)	7440-36-0	6020B	**X**	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Arsenic, Inorganic	7440-38-2	200.7	---	**X**	---	ANAB
Arsenic, Inorganic	7440-38-2	200.8	---	**X**	---	ANAB
Arsenic, Inorganic	7440-38-2	6010B	**X**	**X**	---	ANAB
Arsenic, Inorganic	7440-38-2	6010C	**X**	**X**	---	ANAB
Arsenic, Inorganic	7440-38-2	6020A	**X**	**X**	---	ANAB
Arsenic, Inorganic	7440-38-2	6020B	**X**	**X**	---	ANAB
Barium	7440-39-3	200.7	---	**X**	---	ANAB
Barium	7440-39-3	200.8	---	**X**	---	ANAB
Barium	7440-39-3	6010B	**X**	**X**	---	ANAB
Barium	7440-39-3	6010C	**X**	**X**	---	ANAB
Barium	7440-39-3	6020A	**X**	**X**	---	ANAB
Barium	7440-39-3	6020B	**X**	**X**	---	ANAB
Benz[a]anthracene	56-55-3	625	---	**X**	---	ANAB
Benz[a]anthracene	56-55-3	8270C	**X**	**X**	---	ANAB
Benz[a]anthracene	56-55-3	8270C-SIM	**X**	**X**	---	ANAB
Benz[a]anthracene	56-55-3	8270D	**X**	**X**	---	ANAB
Benz[a]anthracene	56-55-3	8270D-SIM	**X**	**X**	---	ANAB
Benzene	71-43-2	624	---	**X**	---	ANAB
Benzene	71-43-2	8260B	**X**	**X**	---	ANAB
Benzene	71-43-2	8260B-SIM	**X**	**X**	---	ANAB
Benzene	71-43-2	8260C	**X**	**X**	---	ANAB
Benzene	71-43-2	8260C-SIM	**X**	**X**	---	ANAB
Benzo[a]pyrene	50-32-8	625	---	**X**	---	ANAB
Benzo[a]pyrene	50-32-8	8270C	**X**	**X**	---	ANAB
Benzo[a]pyrene	50-32-8	8270C-SIM	**X**	**X**	---	ANAB
Benzo[a]pyrene	50-32-8	8270D	**X**	**X**	---	ANAB
Benzo[a]pyrene	50-32-8	8270D-SIM	**X**	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Benzo[b]fluoranthene	205-99-2	625	---	**X**	---	ANAB
Benzo[b]fluoranthene	205-99-2	8270C	**X**	**X**	---	ANAB
Benzo[b]fluoranthene	205-99-2	8270C-SIM	**X**	**X**	---	ANAB
Benzo[b]fluoranthene	205-99-2	8270D	**X**	**X**	---	ANAB
Benzo[b]fluoranthene	205-99-2	8270D-SIM	**X**	**X**	---	ANAB
Benzo[g,h,i]perylene	191-24-2	625	---	**X**	---	ANAB
Benzo[g,h,i]perylene	191-24-2	8270C	**X**	**X**	---	ANAB
Benzo[g,h,i]perylene	191-24-2	8270C-SIM	**X**	**X**	---	ANAB
Benzo[g,h,i]perylene	191-24-2	8270D	**X**	**X**	---	ANAB
Benzo[g,h,i]perylene	191-24-2	8270D-SIM	**X**	**X**	---	ANAB
Benzo[k]fluoranthene	207-08-9	625	---	**X**	---	ANAB
Benzo[k]fluoranthene	207-08-9	8270C	**X**	**X**	---	ANAB
Benzo[k]fluoranthene	207-08-9	8270C-SIM	**X**	**X**	---	ANAB
Benzo[k]fluoranthene	207-08-9	8270D	**X**	**X**	---	ANAB
Benzo[k]fluoranthene	207-08-9	8270D-SIM	**X**	**X**	---	ANAB
Benzoic Acid	65-85-0	8270C	**X**	**X**	---	ANAB
Benzoic Acid	65-85-0	8270D	**X**	**X**	---	ANAB
Benzyl Alcohol	100-51-6	8270C	**X**	**X**	---	ANAB
Benzyl Alcohol	100-51-6	8270D	**X**	**X**	---	ANAB
Beryllium and compounds	7440-41-7	200.7	---	**X**	---	ANAB
Beryllium and compounds	7440-41-7	200.8	---	**X**	---	ANAB
Beryllium and compounds	7440-41-7	6010B	**X**	**X**	---	ANAB
Beryllium and compounds	7440-41-7	6010C	**X**	**X**	---	ANAB
Beryllium and compounds	7440-41-7	6020A	**X**	**X**	---	ANAB
Beryllium and compounds	7440-41-7	6020B	**X**	**X**	---	ANAB
Bis(2-chloroethyl)ether	111-44-4	8270C	**X**	**X**	---	ANAB
Bis(2-chloroethyl)ether	111-44-4	8270C-SIM	**X**	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Bis(2-chloroethyl)ether	111-44-4	8270D	**X**	**X**	---	ANAB
Bis(2-chloroethyl)ether	111-44-4	8270D-SIM	**X**	**X**	---	ANAB
Bis(2-ethylhexyl)phthalate (DEHP)	117-81-7	8270C	**X**	**X**	---	ANAB
Bis(2-ethylhexyl)phthalate (DEHP)	117-81-7	8270D	**X**	**X**	---	ANAB
Bromobenzene	108-86-1	624	---	**X**	---	ANAB
Bromobenzene	108-86-1	8260B	**X**	**X**	---	ANAB
Bromobenzene	108-86-1	8260C	**X**	**X**	---	ANAB
Bromodichloromethane	75-27-4	624	---	**X**	---	ANAB
Bromodichloromethane	75-27-4	8260B	**X**	**X**	---	ANAB
Bromodichloromethane	75-27-4	8260B-SIM	**X**	**X**	---	ANAB
Bromodichloromethane	75-27-4	8260C	**X**	**X**	---	ANAB
Bromodichloromethane	75-27-4	8260C-SIM	**X**	**X**	---	ANAB
Bromoform	75-25-2	624	---	**X**	---	ANAB
Bromoform	75-25-2	8260B	**X**	**X**	---	ANAB
Bromoform	75-25-2	8260B-SIM	**X**	**X**	---	ANAB
Bromoform	75-25-2	8260C	**X**	**X**	---	ANAB
Bromoform	75-25-2	8260C-SIM	**X**	**X**	---	ANAB
Bromomethane	74-83-9	624	---	**X**	---	ANAB
Bromomethane	74-83-9	8260B	**X**	**X**	---	ANAB
Bromomethane	74-83-9	8260B-SIM	**X**	**X**	---	ANAB
Bromomethane	74-83-9	8260C	**X**	**X**	---	ANAB
Bromomethane	74-83-9	8260C-SIM	**X**	**X**	---	ANAB
Butadiene, 1,3-	106-99-0	8260B-SIM	**X**	**X**	---	ORELAP
Butadiene, 1,3-	106-99-0	8260C-SIM	**X**	**X**	---	ORELAP
Butanol, N-	71-36-3	8260B	**X**	**X**	---	ORELAP
Butanol, N-	71-36-3	8260C	**X**	**X**	---	ORELAP
Butyl Benzyl Phthalate	85-68-7	8270C	**X**	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Butyl Benzyl Phthalate	85-68-7	8270D	**X**	**X**	---	ANAB
Butylbenzene, n-	104-51-8	624	---	**X**	---	ANAB
Butylbenzene, n-	104-51-8	8260B	**X**	**X**	---	ANAB
Butylbenzene, n-	104-51-8	8260C	**X**	**X**	---	ANAB
Butylbenzene, sec-	135-98-8	624	---	**X**	---	ANAB
Butylbenzene, sec-	135-98-8	8260B	**X**	**X**	---	ANAB
Butylbenzene, sec-	135-98-8	8260C	**X**	**X**	---	ANAB
Butylbenzene, tert-	98-06-6	624	---	**X**	---	ANAB
Butylbenzene, tert-	98-06-6	8260B	**X**	**X**	---	ANAB
Butylbenzene, tert-	98-06-6	8260C	**X**	**X**	---	ANAB
Cadmium	7440-43-9	200.7	---	**X**	---	ANAB
Cadmium	7440-43-9	200.8	---	**X**	---	ANAB
Cadmium	7440-43-9	6010B	**X**	**X**	---	ANAB
Cadmium	7440-43-9	6010C	**X**	**X**	---	ANAB
Cadmium	7440-43-9	6020A	**X**	**X**	---	ANAB
Cadmium	7440-43-9	6020B	**X**	**X**	---	ANAB
Carbon Disulfide	75-15-0	624	---	**X**	---	ANAB
Carbon Disulfide	75-15-0	8260B	**X**	**X**	---	ANAB
Carbon Disulfide	75-15-0	8260C	**X**	**X**	---	ANAB
Carbon Tetrachloride	56-23-5	624	---	**X**	---	ANAB
Carbon Tetrachloride	56-23-5	8260B	**X**	**X**	---	ANAB
Carbon Tetrachloride	56-23-5	8260C	**X**	**X**	---	ANAB
Chlordane, Total	12789-03-6	608	---	**X**	---	ANAB
Chlordane, Total	12789-03-6	8081A	**X**	**X**	---	ANAB
Chlordane, Total	12789-03-6	8081B	**X**	**X**	---	ANAB
Chlordane, α-	5103-71-9	608	---	**X**	---	ANAB
Chlordane, α-	5103-71-9	8081A	**X**	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Chlordane, α-	5103-71-9	8081B	**X**	**X**	---	ANAB
Chlordane, γ-	5103-74-2	608	---	**X**	---	ANAB
Chlordane, γ-	5103-74-2	8081A	**X**	**X**	---	ANAB
Chlordane, γ-	5103-74-2	8081B	**X**	**X**	---	ANAB
Chloroaniline, p-	106-47-8	8270C	**X**	**X**	---	ANAB
Chloroaniline, p-	106-47-8	8270D	**X**	**X**	---	ANAB
Chloroaniline, p-	106-47-8	8270C-SIM	**X**	**X**	---	ANAB
Chloroaniline, p-	106-47-8	8270D-SIM	**X**	**X**	---	ANAB
Chlorobenzene	108-90-7	624	---	**X**	---	ANAB
Chlorobenzene	108-90-7	8260B	**X**	**X**	---	ANAB
Chlorobenzene	108-90-7	8260C	**X**	**X**	---	ANAB
Chloroform	67-66-3	624	---	**X**	---	ANAB
Chloroform	67-66-3	8260B	**X**	**X**	---	ANAB
Chloroform	67-66-3	8260B-SIM	**X**	**X**	---	ANAB
Chloroform	67-66-3	8260C	**X**	**X**	---	ANAB
Chloroform	67-66-3	8260C-SIM	**X**	**X**	---	ANAB
Chloromethane	74-87-3	624	---	**X**	---	ANAB
Chloromethane	74-87-3	8260B	**X**	**X**	---	ANAB
Chloromethane	74-87-3	8260C	**X**	**X**	---	ANAB
Chloronaphthalene, Beta-	91-58-7	625	---	**X**	---	ANAB
Chloronaphthalene, Beta-	91-58-7	8270C	**X**	**X**	---	ANAB
Chloronaphthalene, Beta-	91-58-7	8270D	**X**	**X**	---	ANAB
Chlorophenol, 2-	91-58-7	625	---	**X**	---	ANAB
Chlorophenol, 2-	95-57-8	8270C	**X**	**X**	---	ANAB
Chlorophenol, 2-	95-57-8	8270D	**X**	**X**	---	ANAB
Chromium (Total)	7440-47-3	200.7	---	**X**	---	ANAB
Chromium (Total)	7440-47-3	200.8	---	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Chromium (Total)	7440-47-3	6010B	**X**	**X**	---	ANAB
Chromium (Total)	7440-47-3	6010C	**X**	**X**	---	ANAB
Chromium (Total)	7440-47-3	6020A	**X**	**X**	---	ANAB
Chromium (Total)	7440-47-3	6020B	**X**	**X**	---	ANAB
Chromium (VI)	18540-29-9	SM 3500-CR B	---	**X**	---	ANAB
Chrysene	218-01-9	625	---	**X**	---	ANAB
Chrysene	218-01-9	8270C	**X**	**X**	---	ANAB
Chrysene	218-01-9	8270C-SIM	**X**	**X**	---	ANAB
Chrysene	218-01-9	8270D	**X**	**X**	---	ANAB
Chrysene	218-01-9	8270D-SIM	**X**	**X**	---	ANAB
Copper	7440-50-8	200.7	---	**X**	---	ANAB
Copper	7440-50-8	200.8	---	**X**	---	ANAB
Copper	7440-50-8	6010B	**X**	**X**	---	ANAB
Copper	7440-50-8	6010C	**X**	**X**	---	ANAB
Copper	7440-50-8	6020A	**X**	**X**	---	ANAB
Copper	7440-50-8	6020B	**X**	**X**	---	ANAB
Cresol, o- (2-Methylphenol)	95-48-7	625	---	**X**	---	ANAB
Cresol, o- (2-Methylphenol)	95-48-7	8270C	**X**	**X**	---	ANAB
Cresol, o- (2-Methylphenol)	95-48-7	8270D	**X**	**X**	---	ANAB
Cumene (Isopropylbenzene)	98-82-8	8260B	**X**	**X**	---	ANAB
Cumene (Isopropylbenzene)	98-82-8	8260C	**X**	**X**	---	ANAB
DDD, 4,4'-	72-54-8	608	---	**X**	---	ANAB
DDD, 4,4'-	72-54-8	8081A	**X**	**X**	---	ANAB
DDD, 4,4'-	72-54-8	8081B	**X**	**X**	---	ANAB
DDE, 4,4'-	72-55-9	608	---	**X**	---	ANAB
DDE, 4,4'-	72-55-9	8081A	**X**	**X**	---	ANAB
DDE, 4,4'-	72-55-9	8081B	**X**	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
DDT, 4,4'-	50-29-3	608	---	**X**	---	ANAB
DDT, 4,4'-	50-29-3	8081A	**X**	**X**	---	ANAB
DDT, 4,4'-	50-29-3	8081B	**X**	**X**	---	ANAB
Dibenz[a,h]anthracene	53-70-3	625	---	**X**	---	ANAB
Dibenz[a,h]anthracene	53-70-3	8270C	**X**	**X**	---	ANAB
Dibenz[a,h]anthracene	53-70-3	8270C-SIM	**X**	**X**	---	ANAB
Dibenz[a,h]anthracene	53-70-3	8270D	**X**	**X**	---	ANAB
Dibenz[a,h]anthracene	53-70-3	8270D-SIM	**X**	**X**	---	ANAB
Dibenzofuran	132-64-9	8270C	**X**	**X**	---	ANAB
Dibenzofuran	132-64-9	8270D	**X**	**X**	---	ANAB
Dibromochloromethane	124-48-1	624	---	**X**	---	ANAB
Dibromochloromethane	124-48-1	8260B	**X**	**X**	---	ANAB
Dibromochloromethane	124-48-1	8260B-SIM	**X**	**X**	---	ANAB
Dibromochloromethane	124-48-1	8260C	**X**	**X**	---	ANAB
Dibromochloromethane	124-48-1	8260C-SIM	**X**	**X**	---	ANAB
Dibromoethane, 1,2- (Ethylene Dibromide)	106-93-4	624	---	**X**	---	ANAB
Dibromoethane, 1,2- (Ethylene Dibromide)	106-93-4	8011	**X**	**X**	---	ANAB
Dibromoethane, 1,2- (Ethylene Dibromide)	106-93-4	8260B	**X**	**X**	---	ANAB
Dibromoethane, 1,2- (Ethylene Dibromide)	106-93-4	8260B-SIM	**X**	**X**	---	ANAB
Dibromoethane, 1,2- (Ethylene Dibromide)	106-93-4	8260C	**X**	**X**	---	ANAB
Dibromoethane, 1,2- (Ethylene Dibromide)	106-93-4	8260C-SIM	**X**	**X**	---	ANAB
Dibromomethane (Methylene Bromide)	74-95-3	624	---	**X**	---	ANAB
Dibromomethane (Methylene Bromide)	74-95-3	8260B	**X**	**X**	---	ANAB
Dibromomethane (Methylene Bromide)	74-95-3	8260B-SIM	**X**	**X**	---	ANAB
Dibromomethane (Methylene Bromide)	74-95-3	8260C	**X**	**X**	---	ANAB
Dibromomethane (Methylene Bromide)	74-95-3	8260C-SIM	**X**	**X**	---	ANAB
Dibutyl Phthalate	84-74-2	625	---	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Dibutyl Phthalate	84-74-2	8270C	**X**	**X**	---	ANAB
Dibutyl Phthalate	84-74-2	8270D	**X**	**X**	---	ANAB
Dichlorobenzene, 1,2-	95-50-1	624	---	**X**	---	ANAB
Dichlorobenzene, 1,2-	95-50-1	625	---	**X**	---	ANAB
Dichlorobenzene, 1,2-	95-50-1	8260B	**X**	**X**	---	ANAB
Dichlorobenzene, 1,2-	95-50-1	8260C	**X**	**X**	---	ANAB
Dichlorobenzene, 1,2-	95-50-1	8270C	**X**	**X**	---	ANAB
Dichlorobenzene, 1,2-	95-50-1	8270D	**X**	**X**	---	ANAB
Dichlorobenzene, 1,3-	541-73-1	624	---	**X**	---	ANAB
Dichlorobenzene, 1,3-	541-73-1	625	---	**X**	---	ANAB
Dichlorobenzene, 1,3-	541-73-1	8260B	**X**	**X**	---	ORELAP
Dichlorobenzene, 1,3-	541-73-1	8260C	**X**	**X**	---	ORELAP
Dichlorobenzene, 1,3-	541-73-1	8270C	**X**	**X**	---	ANAB
Dichlorobenzene, 1,3-	541-73-1	8270D	**X**	**X**	---	ANAB
Dichlorobenzene, 1,4-	106-46-7	624	---	**X**	---	ANAB
Dichlorobenzene, 1,4-	106-46-7	625	---	**X**	---	ANAB
Dichlorobenzene, 1,4-	106-46-7	8260B	**X**	**X**	---	ANAB
Dichlorobenzene, 1,4-	106-46-7	8260B-SIM	**X**	**X**	---	ANAB
Dichlorobenzene, 1,4-	106-46-7	8260C	**X**	**X**	---	ANAB
Dichlorobenzene, 1,4-	106-46-7	8260C-SIM	**X**	**X**	---	ANAB
Dichlorobenzene, 1,4-	106-46-7	8270C	**X**	**X**	---	ANAB
Dichlorobenzene, 1,4-	106-46-7	8270D	**X**	**X**	---	ANAB
Dichlorobenzidine, 3,3'-	91-94-1	8270C	**X**	**X**	---	ANAB
Dichlorobenzidine, 3,3'-	91-94-1	8270C-SIM	**X**	---	---	ANAB
Dichlorobenzidine, 3,3'-	91-94-1	8270D	**X**	**X**	---	ANAB
Dichlorobenzidine, 3,3'-	91-94-1	8270D-SIM	**X**	---	---	ANAB
Dichlorodifluoromethane	75-71-8	624	---	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Dichlorodifluoromethane	75-71-8	8260B	**X**	**X**	---	ANAB
Dichlorodifluoromethane	75-71-8	8260C	**X**	**X**	---	ANAB
Dichloroethane, 1,1-	75-34-3	624	---	**X**	---	ANAB
Dichloroethane, 1,1-	75-34-3	8260B	**X**	**X**	---	ANAB
Dichloroethane, 1,1-	75-34-3	8260C	**X**	**X**	---	ANAB
Dichloroethane, 1,2-	107-06-2	624	---	**X**	---	ANAB
Dichloroethane, 1,2-	107-06-2	8260B	**X**	**X**	---	ANAB
Dichloroethane, 1,2-	107-06-2	8260B-SIM	**X**	**X**	---	ANAB
Dichloroethane, 1,2-	107-06-2	8260C	**X**	**X**	---	ANAB
Dichloroethane, 1,2-	107-06-2	8260C-SIM	**X**	**X**	---	ANAB
Dichloroethylene, 1,1-	75-35-4	624	---	**X**	---	ANAB
Dichloroethylene, 1,1-	75-35-4	8260B	**X**	**X**	---	ANAB
Dichloroethylene, 1,1-	75-35-4	8260B-SIM		**X**	---	ANAB
Dichloroethylene, 1,1-	75-35-4	8260C	**X**	**X**	---	ANAB
Dichloroethylene, 1,1-	75-35-4	8260C-SIM	**X**	**X**	---	ANAB
Dichloroethylene, 1,2-cis-	156-59-2	624	---	**X**	---	ANAB
Dichloroethylene, 1,2-cis-	156-59-2	8260B	**X**	**X**	---	ANAB
Dichloroethylene, 1,2-cis-	156-59-2	8260B-SIM	**X**	**X**	---	ANAB
Dichloroethylene, 1,2-cis-	156-59-2	8260C	**X**	**X**	---	ANAB
Dichloroethylene, 1,2-cis-	156-59-2	8260C-SIM	**X**	**X**	---	ANAB
Dichloroethylene, 1,2-trans-	156-60-5	624	---	**X**	---	ANAB
Dichloroethylene, 1,2-trans-	156-60-5	8260B	**X**	**X**	---	ANAB
Dichloroethylene, 1,2-trans-	156-60-5	8260C	**X**	**X**	---	ANAB
Dichlorophenol, 2,4-	120-83-2	625	---	**X**	---	ANAB
Dichlorophenol, 2,4-	120-83-2	8270C	**X**	**X**	---	ANAB
Dichlorophenol, 2,4-	120-83-2	8270D	**X**	**X**	---	ANAB
Dichlorophenoxy Acetic Acid, 2,4-	94-75-7	8151A	**X**	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Dichloropropane, 1,2-	78-87-5	624	---	**X**	---	ANAB
Dichloropropane, 1,2-	78-87-5	8260B	**X**	**X**	---	ANAB
Dichloropropane, 1,2-	78-87-5	8260C	**X**	**X**	---	ANAB
Dichloropropene, 1,3- (cis + trans)	542-75-6	8260B	**X**	**X**	---	ANAB
Dichloropropene, 1,3- (cis + trans)	542-75-6	8260B-SIM	**X**	**X**	---	ANAB
Dichloropropene, 1,3- (cis + trans)	542-75-6	8260C	**X**	**X**	---	ANAB
Dichloropropene, 1,3- (cis + trans)	542-75-6	8260C-SIM	**X**	**X**	---	ANAB
Dieldrin	60-57-1	608	---	**X**	---	ANAB
Dieldrin	60-57-1	8081A	**X**	**X**	---	ANAB
Dieldrin	60-57-1	8081B	**X**	**X**	---	ANAB
Diethyl Phthalate	84-66-2	625	---	**X**	---	ANAB
Diethyl Phthalate	84-66-2	8270C	**X**	**X**	---	ANAB
Diethyl Phthalate	84-66-2	8270D	**X**	**X**	---	ANAB
Dimethylphenol, 2,4-	105-67-9	625	---	**X**	---	ANAB
Dimethylphenol, 2,4-	105-67-9	8270C	**X**	**X**	---	ANAB
Dimethylphenol, 2,4-	105-67-9	8270D	**X**	**X**	---	ANAB
Dimethylphthalate	131-11-3	625	---	**X**	---	ANAB
Dimethylphthalate	131-11-3	8270C	**X**	**X**	---	ANAB
Dimethylphthalate	131-11-3	8270D	**X**	**X**	---	ANAB
Dinitrobenzene, 1,3-	99-65-0	8270C-SIM	**X**	**X**	---	ANAB
Dinitrobenzene, 1,3-	99-65-0	8270D-SIM	**X**	**X**	---	ANAB
Dinitrophenol, 2,4-	51-28-5	625	---	**X**	---	ANAB
Dinitrophenol, 2,4-	51-28-5	8270C	**X**	**X**	---	ANAB
Dinitrophenol, 2,4-	51-28-5	8270C-SIM	**X**	**X**	---	ANAB
Dinitrophenol, 2,4-	51-28-5	8270D	**X**	**X**	---	ANAB
Dinitrophenol, 2,4-	51-28-5	8270D-SIM	**X**	**X**	---	ANAB
Dinitrotoluene, 2,4-	121-14-2	625	---	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Dinitrotoluene, 2,4-	121-14-2	8270C	**X**	**X**	---	ANAB
Dinitrotoluene, 2,4-	121-14-2	8270C-SIM	**X**	**X**	---	ANAB
Dinitrotoluene, 2,4-	121-14-2	8270D	**X**	**X**	---	ANAB
Dinitrotoluene, 2,4-	121-14-2	8270D-SIM	**X**	**X**	---	ANAB
Dinitrotoluene, 2,6-	606-20-2	625	---	**X**	---	ANAB
Dinitrotoluene, 2,6-	606-20-2	8270C	**X**	**X**	---	ANAB
Dinitrotoluene, 2,6-	606-20-2	8270C-SIM	**X**	**X**	---	ANAB
Dinitrotoluene, 2,6-	606-20-2	8270D	**X**	**X**	---	ANAB
Dinitrotoluene, 2,6-	606-20-2	8270D-SIM	**X**	**X**	---	ANAB
Dioxane, 1,4-	123-91-1	8270C-SIM	**X**	**X**	---	ANAB
Dioxane, 1,4-	123-91-1	8270D-SIM	**X**	**X**	---	ANAB
Endosulfan (Endosulfan I + Endosulfan II)	115-29-7	608	---	**X**	---	ANAB
Endosulfan (Endosulfan I + Endosulfan II)	115-29-7	8081A	**X**	**X**	---	ANAB
Endosulfan (Endosulfan I + Endosulfan II)	115-29-7	8081B	**X**	**X**	---	ANAB
Endosulfan I	959-98-8	608	---	**X**	---	ANAB
Endosulfan II	33213-65-9	608	---	**X**	---	ANAB
Endosulfan sulfate	1031-07-8	608	---	**X**	---	ANAB
Endrin	72-20-8	608	---	**X**	---	ANAB
Endrin	72-20-8	8081A	**X**	**X**	---	ANAB
Endrin	72-20-8	8081B	**X**	**X**	---	ANAB
Ethyl Chloride	75-00-3	8260B	**X**	**X**	---	ANAB
Ethyl Chloride	75-00-3	8260C	**X**	**X**	---	ANAB
Ethylbenzene	100-41-4	624	---	**X**	---	ANAB
Ethylbenzene	100-41-4	8260B	**X**	**X**	---	ANAB
Ethylbenzene	100-41-4	8260C	**X**	**X**	---	ANAB
Fluoranthene	206-44-0	625	---	**X**	---	ANAB
Fluoranthene	206-44-0	8270C	**X**	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Fluoranthene	206-44-0	8270C-SIM	**X**	**X**	---	ANAB
Fluoranthene	206-44-0	8270D	**X**	**X**	---	ANAB
Fluoranthene	206-44-0	8270D-SIM	**X**	**X**	---	ANAB
Fluorene	86-73-7	625	---	**X**	---	ANAB
Fluorene	86-73-7	8270C	**X**	**X**	---	ANAB
Fluorene	86-73-7	8270C-SIM	**X**	**X**	---	ANAB
Fluorene	86-73-7	8270D	**X**	**X**	---	ANAB
Fluorene	86-73-7	8270D-SIM	**X**	**X**	---	ANAB
Heptachlor	76-44-8	608	---	**X**	---	ANAB
Heptachlor	76-44-8	8081A	**X**	**X**	---	ANAB
Heptachlor	76-44-8	8081B	**X**	**X**	---	ANAB
Heptachlor Epoxide	1024-57-3	608	---	**X**	---	ANAB
Heptachlor Epoxide	1024-57-3	8081A	**X**	**X**	---	ANAB
Heptachlor Epoxide	1024-57-3	8081B	**X**	**X**	---	ANAB
Hexachlorobenzene	118-74-1	625	---	**X**	---	ANAB
Hexachlorobenzene	118-74-1	8270C	**X**	**X**	---	ANAB
Hexachlorobenzene	118-74-1	8270C-SIM	**X**	**X**	---	ANAB
Hexachlorobenzene	118-74-1	8270D	**X**	**X**	---	ANAB
Hexachlorobenzene	118-74-1	8270D-SIM	**X**	**X**	---	ANAB
Hexachlorobutadiene	87-68-3	624	---	**X**	---	ANAB
Hexachlorobutadiene	87-68-3	625	---	**X**	---	ANAB
Hexachlorobutadiene	87-68-3	8260B	**X**	**X**	---	ANAB
Hexachlorobutadiene	87-68-3	8260B-SIM	**X**	**X**	---	ANAB
Hexachlorobutadiene	87-68-3	8260C	**X**	**X**	---	ANAB
Hexachlorobutadiene	87-68-3	8260C-SIM	**X**	**X**	---	ANAB
Hexachlorobutadiene	87-68-3	8270C	**X**	**X**	---	ANAB
Hexachlorobutadiene	87-68-3	8270C-SIM	**X**	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Hexachlorobutadiene	87-68-3	8270D	**X**	**X**	---	ANAB
Hexachlorobutadiene	87-68-3	8270D-SIM	**X**	**X**	---	ANAB
Hexachlorocyclohexane, Alpha- (α-BHC)	319-84-6	608	---	**X**	---	ANAB
Hexachlorocyclohexane, Alpha- (α-BHC)	319-84-6	8081A	**X**	**X**	---	ANAB
Hexachlorocyclohexane, Alpha- (α-BHC)	319-84-6	8081B	**X**	**X**	---	ANAB
Hexachlorocyclohexane, Beta- (β-BHC)	319-85-7	608	---	**X**	---	ANAB
Hexachlorocyclohexane, Beta- (β-BHC)	319-85-7	8081A	**X**	**X**	---	ANAB
Hexachlorocyclohexane, Beta- (β-BHC)	319-85-7	8081B	**X**	**X**	---	ANAB
Hexachlorocyclohexane, Delta- (δ-BHC)	319-86-8	608	---	**X**	---	ANAB
Hexachlorocyclohexane, Delta- (δ-BHC)	319-86-8	8081A	**X**	**X**	---	ANAB
Hexachlorocyclohexane, Delta- (δ-BHC)	319-86-8	8081B	**X**	**X**	---	ANAB
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	608	---	**X**	---	ANAB
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	8081A	**X**	**X**	---	ANAB
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	8081B	**X**	**X**	---	ANAB
Hexachlorocyclopentadiene	77-47-4	8270C	**X**	**X**	---	ANAB
Hexachlorocyclopentadiene	77-47-4	8270C-SIM	**X**	**X**	---	ANAB
Hexachlorocyclopentadiene	77-47-4	8270D	**X**	**X**	---	ANAB
Hexachlorocyclopentadiene	77-47-4	8270D-SIM	**X**	**X**	---	ANAB
Hexachloroethane	67-72-1	8270C	**X**	**X**	---	ANAB
Hexachloroethane	67-72-1	8270C-SIM	**X**	**X**	---	ANAB
Hexachloroethane	67-72-1	8270D	**X**	**X**	---	ANAB
Hexachloroethane	67-72-1	8270D-SIM	**X**	**X**	---	ANAB
Hexanone, 2-	591-78-6	8260B	**X**	**X**	---	ANAB
Hexanone, 2-	591-78-6	8260B-SIM	**X**	**X**	---	ANAB
Hexanone, 2-	591-78-6	8260C	**X**	**X**	---	ANAB
Hexanone, 2-	591-78-6	8260C-SIM	**X**	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Indeno[1,2,3-cd]pyrene	193-39-5	625	---	**X**	---	ANAB
Indeno[1,2,3-cd]pyrene	193-39-5	8270C	**X**	**X**	---	ANAB
Indeno[1,2,3-cd]pyrene	193-39-5	8270C-SIM	**X**	**X**	---	ANAB
Indeno[1,2,3-cd]pyrene	193-39-5	8270D	**X**	**X**	---	ANAB
Indeno[1,2,3-cd]pyrene	193-39-5	8270D-SIM	**X**	**X**	---	ANAB
Isophorone	78-59-1	625	---	**X**	---	ANAB
Isophorone	78-59-1	8270C	**X**	**X**	---	ANAB
Isophorone	78-59-1	8270D	**X**	**X**	---	ANAB
Isopropanol	67-63-0	8260B-SIM	**X**	**X**	---	ANAB
Isopropanol	67-63-0	8260C-SIM	**X**	**X**	---	ORELAP
Lead, Total	7439-92-1	200.7	---	**X**	---	ANAB
Lead, Total	7439-92-1	200.8	---	**X**	---	ANAB
Lead, Total	7439-92-1	6010B	**X**	**X**	---	ANAB
Lead, Total	7439-92-1	6010C	**X**	**X**	---	ANAB
Lead, Total	7439-92-1	6020A	**X**	**X**	---	ANAB
Lead, Total	7439-92-1	6020B	**X**	**X**	---	ANAB
Mercury (elemental)	7439-97-6	7470A	---	**X**	---	ANAB
Mercury (elemental)	7439-97-6	7471A	**X**	---	---	ANAB
Methoxychlor	72-43-5	608	---	**X**	---	ANAB
Methoxychlor	72-43-5	8081A	**X**	**X**	---	ANAB
Methoxychlor	72-43-5	8081B	**X**	**X**	---	ANAB
Methyl Ethyl Ketone (2-Butanone)	78-93-3	8260B	**X**	**X**	---	ANAB
Methyl Ethyl Ketone (2-Butanone)	78-93-3	8260C	**X**	**X**	---	ANAB
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	624	---	**X**	---	ANAB
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	8260B	**X**	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	8260C	**X**	**X**	---	ANAB
Methyl tert-Butyl Ether (MTBE)	1634-04-4	624	---	**X**	---	ANAB
Methyl tert-Butyl Ether (MTBE)	1634-04-4	8260B	**X**	**X**	---	ANAB
Methyl tert-Butyl Ether (MTBE)	1634-04-4	8260C	**X**	**X**	---	ANAB
Methylene Chloride	75-09-2	624	---	**X**	---	ANAB
Methylene Chloride	75-09-2	8260B	**X**	**X**	---	ANAB
Methylene Chloride	75-09-2	8260C	**X**	**X**	---	ANAB
Methylnaphthalene, 1-	90-12-0	8270C	**X**	**X**	---	ANAB
Methylnaphthalene, 1-	90-12-0	8270C-SIM	**X**	**X**	---	ANAB
Methylnaphthalene, 1-	90-12-0	8270D	**X**	**X**	---	ANAB
Methylnaphthalene, 1-	90-12-0	8270D-SIM	**X**	**X**	---	ANAB
Methylnaphthalene, 2-	91-57-6	8270C	**X**	**X**	---	ANAB
Methylnaphthalene, 2-	91-57-6	8270C-SIM	**X**	**X**	---	ANAB
Methylnaphthalene, 2-	91-57-6	8270D	**X**	**X**	---	ANAB
Methylnaphthalene, 2-	91-57-6	8270D-SIM	**X**	**X**	---	ANAB
Naphthalene	91-20-3	624	---	**X**	---	ANAB
Naphthalene	91-20-3	625	---	**X**	---	ANAB
Naphthalene	91-20-3	8260B	**X**	**X**	---	ANAB
Naphthalene	91-20-3	8260B-SIM	**X**	**X**	---	ANAB
Naphthalene	91-20-3	8260C	**X**	**X**	---	ANAB
Naphthalene	91-20-3	8260C-SIM	**X**	**X**	---	ANAB
Naphthalene	91-20-3	8270C	**X**	**X**	---	ANAB
Naphthalene	91-20-3	8270C-SIM	**X**	**X**	---	ANAB
Naphthalene	91-20-3	8270D	**X**	**X**	---	ANAB
Naphthalene	91-20-3	8270D-SIM	**X**	**X**	---	ANAB
Nickel, Total	7440-02-0	200.7	---	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Nickel, Total	7440-02-0	200.8	---	**X**	---	ANAB
Nickel, Total	7440-02-0	6010B	**X**	**X**	---	ANAB
Nickel, Total	7440-02-0	6010C	**X**	**X**	---	ANAB
Nickel, Total	7440-02-0	6020A	**X**	**X**	---	ANAB
Nickel, Total	7440-02-0	6020B	**X**	**X**	---	ANAB
Nitrobenzene	98-95-3	625	---	**X**	---	ANAB
Nitrobenzene	98-95-3	8270C	**X**	**X**	---	ANAB
Nitrobenzene	98-95-3	8270C-SIM	**X**	**X**	---	ANAB
Nitrobenzene	98-95-3	8270D	**X**	**X**	---	ANAB
Nitrobenzene	98-95-3	8270D-SIM	**X**	**X**	---	ANAB
Nitrosodimethylamine, N-	62-75-9	625	---	**X**	---	ANAB
Nitrosodimethylamine, N-	62-75-9	8270C	**X**	**X**	---	ANAB
Nitrosodimethylamine, N-	62-75-9	8270C-SIM	**X**	**X**	---	ANAB
Nitrosodimethylamine, N-	62-75-9	8270D	**X**	**X**	---	ANAB
Nitrosodimethylamine, N-	62-75-9	8270D-SIM	**X**	**X**	---	ANAB
Nitroso-di-N-propylamine, N-	621-64-7	625	---	**X**	---	ANAB
Nitroso-di-N-propylamine, N-	621-64-7	8270C	**X**	**X**	---	ANAB
Nitroso-di-N-propylamine, N-	621-64-7	8270C-SIM	**X**	**X**	---	ANAB
Nitroso-di-N-propylamine, N-	621-64-7	8270D	**X**	**X**	---	ANAB
Nitroso-di-N-propylamine, N-	621-64-7	8270D-SIM	**X**	**X**	---	ANAB
Nitrosodiphenylamine, N-	86-30-6	625	---	**X**	---	ANAB
Nitrosodiphenylamine, N-	86-30-6	8270C	**X**	**X**	---	ANAB
Nitrosodiphenylamine, N-	86-30-6	8270D	**X**	**X**	---	ANAB
Octyl Phthalate, di-N-	117-84-0	8270C	**X**	**X**	---	ANAB
Octyl Phthalate, di-N-	117-84-0	8270D	**X**	**X**	---	ANAB
PCB - Aroclor-1016	12674-11-2	608	---	**X**	---	ANAB
PCB - Aroclor-1016	12674-11-2	8082A	**X**	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
PCB - Aroclor-1221	11104-28-2	608	---	**X**	---	ANAB
PCB - Aroclor-1221	11104-28-2	8082A	**X**	**X**	---	ANAB
PCB - Aroclor-1232	11141-16-5	608	---	**X**	---	ANAB
PCB - Aroclor-1232	11141-16-5	8082A	**X**	**X**	---	ANAB
PCB - Aroclor-1242	53469-21-9	608	---	**X**	---	ANAB
PCB - Aroclor-1242	53469-21-9	8082A	**X**	**X**	---	ANAB
PCB - Aroclor-1248	12672-29-6	608	---	**X**	---	ANAB
PCB - Aroclor-1248	12672-29-6	8082A	**X**	**X**	---	ANAB
PCB - Aroclor-1254	11097-69-1	608	---	**X**	---	ANAB
PCB - Aroclor-1254	11097-69-1	8082A	**X**	**X**	---	ANAB
PCB - Aroclor-1260	11096-82-5	608	---	**X**	---	ANAB
PCB - Aroclor-1260	11096-82-5	8082A	**X**	**X**	---	ANAB
PCB - Aroclor-1262	37324-23-5	8082A	**X**	**X**	---	ANAB
PCB - Aroclor-1268	11100-14-4	8082A	**X**	**X**	---	ANAB
Pentachlorophenol	87-86-5	625	---	**X**	---	ANAB
Pentachlorophenol	87-86-5	8151A	**X**	**X**	---	ANAB
Pentachlorophenol	87-86-5	8270C	**X**	**X**	---	ANAB
Pentachlorophenol	87-86-5	8270C-SIM	**X**	**X**	---	ANAB
Pentachlorophenol	87-86-5	8270D	**X**	**X**	---	ANAB
Pentachlorophenol	87-86-5	8270D-SIM	**X**	**X**	---	ANAB
Phenanthrene	85-01-8	625	---	**X**	---	ANAB
Phenanthrene	85-01-8	8270C	**X**	**X**	---	ANAB
Phenanthrene	85-01-8	8270C-SIM	**X**	**X**	---	ANAB
Phenanthrene	85-01-8	8270D	**X**	**X**	---	ANAB
Phenanthrene	85-01-8	8270D-SIM	**X**	**X**	---	ANAB
Phenol	108-95-2	625	---	**X**	---	ANAB
Phenol	108-95-2	8270C	**X**	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Phenol	108-95-2	8270D	**X**	**X**	---	ANAB
Propyl benzene	103-65-1	624	---	**X**	---	ANAB
Propyl benzene	103-65-1	8260B	**X**	**X**	---	ANAB
Propyl benzene	103-65-1	8260C	**X**	**X**	---	ANAB
Pyrene	129-00-0	625	---	**X**	---	ANAB
Pyrene	129-00-0	8270C	**X**	**X**	---	ANAB
Pyrene	129-00-0	8270C-SIM	**X**	**X**	---	ANAB
Pyrene	129-00-0	8270D	**X**	**X**	---	ANAB
Pyrene	129-00-0	8270D-SIM	**X**	**X**	---	ANAB
Selenium	7782-49-2	6010B	**X**	**X**	---	ANAB
Selenium	7782-49-2	6010C	**X**	**X**	---	ANAB
Selenium	7782-49-2	6020A	**X**	**X**	---	ANAB
Selenium	7782-49-2	6020B	**X**	**X**	---	ANAB
Silver	7440-22-4	6010B	**X**	**X**	---	ANAB
Silver	7440-22-4	6010C	**X**	**X**	---	ANAB
Silver	7440-22-4	6020A	**X**	**X**	---	ANAB
Silver	7440-22-4	6020B	**X**	**X**	---	ANAB
Styrene	100-42-5	624	---	**X**	---	ANAB
Styrene	100-42-5	8260B	**X**	**X**	---	ANAB
Styrene	100-42-5	8260C	**X**	**X**	---	ANAB
Tetrachloroethane, 1,1,1,2-	630-20-6	8260B	**X**	**X**	---	ANAB
Tetrachloroethane, 1,1,1,2-	630-20-6	8260B-SIM	**X**	**X**	---	ANAB
Tetrachloroethane, 1,1,1,2-	630-20-6	8260C	**X**	**X**	---	ANAB
Tetrachloroethane, 1,1,1,2-	630-20-6	8260C-SIM	**X**	**X**	---	ANAB
Tetrachloroethane, 1,1,2,2-	79-34-5	8260B	**X**	**X**	---	ANAB
Tetrachloroethane, 1,1,2,2-	79-34-5	8260B-SIM	**X**	**X**	---	ANAB
Tetrachloroethane, 1,1,2,2-	79-34-5	8260C	**X**	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Tetrachloroethane, 1,1,2,2-	79-34-5	8260C-SIM	**X**	**X**	---	ANAB
Tetrachloroethylene	127-18-4	624	---	**X**	---	ANAB
Tetrachloroethylene	127-18-4	8260B	**X**	**X**	---	ANAB
Tetrachloroethylene	127-18-4	8260B-SIM	**X**	**X**	---	ANAB
Tetrachloroethylene	127-18-4	8260C	**X**	**X**	---	ANAB
Tetrachloroethylene	127-18-4	8260C-SIM	**X**	**X**	---	ANAB
Thallium, Total	7440-28-0	200.7	---	**X**	---	ANAB
Thallium, Total	7440-28-0	200.8	---	**X**	---	ANAB
Thallium, Total	7440-28-0	6010B	**X**	**X**	---	ANAB
Thallium, Total	7440-28-0	6010C	**X**	**X**	---	ANAB
Thallium, Total	7440-28-0	6020A	**X**	**X**	---	ANAB
Thallium, Total	7440-28-0	6020B	**X**	**X**	---	ANAB
Toluene	108-88-3	624	---	**X**	---	ANAB
Toluene	108-88-3	8260B	**X**	**X**	---	ANAB
Toluene	108-88-3	8260C	**X**	**X**	---	ANAB
Toxaphene	8001-35-2	608	---	**X**	---	ANAB
Toxaphene	8001-35-2	8081A	**X**	**X**	---	ANAB
Toxaphene	8001-35-2	8081B	**X**	**X**	---	ANAB
Trichloro-1,2,2-trifluoroethane, 1,1,2- (Freon 113)	76-13-1	8260B	**X**	**X**	---	ORELAP
Trichloro-1,2,2-trifluoroethane, 1,1,2- (Freon 113)	76-13-1	8260C	**X**	**X**	---	ORELAP
Trichlorobenzene, 1,2,3-	87-61-6	624	---	**X**	---	ANAB
Trichlorobenzene, 1,2,3-	87-61-6	8260B	**X**	**X**	---	ANAB
Trichlorobenzene, 1,2,3-	87-61-6	8260C	**X**	**X**	---	ANAB
Trichlorobenzene, 1,2,4-	120-82-1	624	---	**X**	---	ANAB
Trichlorobenzene, 1,2,4-	120-82-1	625	---	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Trichlorobenzene, 1,2,4-	120-82-1	8260B	**X**	**X**	---	ANAB
Trichlorobenzene, 1,2,4-	120-82-1	8260C	**X**	**X**	---	ANAB
Trichloroethane, 1,1,1-	71-55-6	624	---	**X**	---	ANAB
Trichloroethane, 1,1,1-	71-55-6	8260B	**X**	**X**	---	ANAB
Trichloroethane, 1,1,1-	71-55-6	8260C	**X**	**X**	---	ANAB
Trichloroethane, 1,1,2-	79-00-5	624	---	**X**	---	ANAB
Trichloroethane, 1,1,2-	79-00-5	8260B	**X**	**X**	---	ANAB
Trichloroethane, 1,1,2-	79-00-5	8260B-SIM	**X**	**X**	---	ANAB
Trichloroethane, 1,1,2-	79-00-5	8260C	**X**	**X**	---	ANAB
Trichloroethane, 1,1,2-	79-00-5	8260C-SIM	**X**	**X**	---	ANAB
Trichloroethylene	79-01-6	8260B	**X**	**X**	---	ANAB
Trichloroethylene	79-01-6	8260B-SIM	**X**	**X**	---	ANAB
Trichloroethylene	79-01-6	8260C	**X**	**X**	---	ANAB
Trichloroethylene	79-01-6	8260C-SIM	**X**	**X**	---	ANAB
Trichlorofluoromethane	75-69-4	624	---	**X**	---	ANAB
Trichlorofluoromethane	75-69-4	8260B	**X**	**X**	---	ANAB
Trichlorofluoromethane	75-69-4	8260C	**X**	**X**	---	ANAB
Trichlorophenol, 2,4,5-	95-95-4	8270C	**X**	**X**	---	ANAB
Trichlorophenol, 2,4,5-	95-95-4	8270D	**X**	**X**	---	ANAB
Trichlorophenol, 2,4,6-	88-06-2	625	---	**X**	---	ANAB
Trichlorophenol, 2,4,6-	88-06-2	8270C	**X**	**X**	---	ANAB
Trichlorophenol, 2,4,6-	88-06-2	8270C-SIM	**X**	**X**	---	ANAB
Trichlorophenol, 2,4,6-	88-06-2	8270D	**X**	**X**	---	ANAB
Trichlorophenol, 2,4,6-	88-06-2	8270D-SIM	**X**	**X**	---	ANAB
Trichlorophenoxyacetic Acid, 2,4,5- (2,4,5-T)	93-76-5	8151A	**X**	**X**	---	ANAB
Trichlorophenoxypropionic acid, 2,4,5- (2,4,5-TP)	93-72-1	8151A	**X**	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Trichloropropane, 1,2,3-	96-18-4	624	---	**X**	---	ANAB
Trichloropropane, 1,2,3-	96-18-4	8011	**X**	**X**	---	ANAB
Trichloropropane, 1,2,3-	96-18-4	8260B	**X**	**X**	---	ANAB
Trichloropropane, 1,2,3-	96-18-4	8260C	**X**	**X**	---	ANAB
Trimethylbenzene, 1,2,4-	95-63-6	624	---	**X**	---	ANAB
Trimethylbenzene, 1,2,4-	95-63-6	8260B	**X**	**X**	---	ANAB
Trimethylbenzene, 1,2,4-	95-63-6	8260C	**X**	**X**	---	ANAB
Trimethylbenzene, 1,3,5-	108-67-8	624	---	**X**	---	ANAB
Trimethylbenzene, 1,3,5-	108-67-8	8260B	**X**	**X**	---	ANAB
Trimethylbenzene, 1,3,5-	108-67-8	8260C	**X**	**X**	---	ANAB
Vanadium, Total	7440-62-2	200.7	---	**X**	---	ANAB
Vanadium, Total	7440-62-2	6010B	**X**	**X**	---	ANAB
Vanadium, Total	7440-62-2	6010C	**X**	**X**	---	ANAB
Vanadium, Total	7440-62-2	6020A	**X**	**X**	---	ANAB
Vanadium, Total	7440-62-2	6020B	**X**	**X**	---	ANAB
Vinyl Acetate	108-05-4	624	---	**X**	---	ANAB
Vinyl Acetate	108-05-4	8260B	**X**	**X**	---	ANAB
Vinyl Acetate	108-05-4	8260C	**X**	**X**	---	ANAB
Vinyl Chloride	75-01-4	624	---	**X**	---	ANAB
Vinyl Chloride	75-01-4	8260B	**X**	**X**	---	ANAB
Vinyl Chloride	75-01-4	8260B-SIM	**X**	**X**	---	ANAB
Vinyl Chloride	75-01-4	8260C	**X**	**X**	---	ANAB
Vinyl Chloride	75-01-4	8260C-SIM	**X**	**X**	---	ANAB
Xylene, m+p -	-	624	---	**X**	---	ANAB
Xylene, m+p -	-	8260B	**X**	**X**	---	ANAB
Xylene, m+p -	-	8260C	**X**	**X**	---	ANAB
Xylene, o-	95-47-6	624	---	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Xylene, o-	95-47-6	8260B	**X**	**X**	---	ANAB
Xylene, o-	95-47-6	8260C	**X**	**X**	---	ANAB
Xylene, Total	1330-20-7	624	---	**X**	---	ORELAP
Xylene, Total	1330-20-7	8260B	**X**	**X**	---	ORELAP
Xylene, Total	1330-20-7	8260C	**X**	**X**	---	ANAB
Zinc, Total	7440-66-6	200.7	---	**X**	---	ANAB
Zinc, Total	7440-66-6	200.8	---	**X**	---	ANAB
Zinc, Total	7440-66-6	6010B	**X**	**X**	---	ANAB
Zinc, Total	7440-66-6	6010C	**X**	**X**	---	ANAB
Zinc, Total	7440-66-6	6020A	**X**	**X**	---	ANAB
Zinc, Total	7440-66-6	6020B	**X**	**X**	---	ANAB
Total Organic Carbon	N/A	9060	**X**	**X**	---	ANAB
Total Organic Carbon	N/A	Lloyd Kahn	---	---	---	---
Total Organic Carbon	N/A	SM 5310 B	---	**X**	---	ANAB
Total Organic Carbon	N/A	Walkley Black	---	---	---	---
Gasoline Range Organics (C6 – C10)	N/A	AK 101	**X**	**X**	---	ANAB
Diesel Range Organics (C10 – C25)	N/A	AK 102	**X**	**X**	---	ANAB
Residual Range Organics (C25 – C36)	N/A	AK 103	**X**	**X**	---	ANAB
Aliphatic Petroleum Hydrocarbons (C10 – C12)	N/A	NWTPH EPH	**X**	**X**	---	ORELAP
Aliphatic Petroleum Hydrocarbons (C12 – C16)	N/A	NWTPH EPH	**X**	**X**	---	ORELAP
Aliphatic Petroleum Hydrocarbons (C16 – C21)	N/A	NWTPH EPH	**X**	**X**	---	ORELAP
Aliphatic Petroleum Hydrocarbons (C21 – C34)	N/A	NWTPH EPH	**X**	**X**	---	ORELAP

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Aliphatic Petroleum Hydrocarbons (C8 – C10)	N/A	NWTPH EPH	**X**	**X**	---	ORELAP
Aromatic Petroleum Hydrocarbons (C10 – C12)	N/A	NWTPH EPH	**X**	**X**	---	ORELAP
Aromatic Petroleum Hydrocarbons (C12 – C16)	N/A	NWTPH EPH	**X**	**X**	---	ORELAP
Aromatic Petroleum Hydrocarbons (C16 – C21)	N/A	NWTPH EPH	**X**	**X**	---	ORELAP
Aromatic Petroleum Hydrocarbons (C21 – C34)	N/A	NWTPH EPH	**X**	**X**	---	ORELAP
Aromatic Petroleum Hydrocarbons (C8 – C10)	N/A	NWTPH EPH	**X**	**X**	---	ORELAP
Aliphatic Petroleum Hydrocarbons (C10 – C12)	N/A	NWTPH VPH	**X**	**X**	---	ORELAP
Aliphatic Petroleum Hydrocarbons (C5 – C6)	N/A	NWTPH VPH	**X**	**X**	---	ORELAP
Aliphatic Petroleum Hydrocarbons (C6 – C8)	N/A	NWTPH VPH	**X**	**X**	---	ORELAP
Aliphatic Petroleum Hydrocarbons (C8 – C10)	N/A	NWTPH VPH	**X**	**X**	---	ORELAP
Aromatic Petroleum Hydrocarbons (C10 – C12)	N/A	NWTPH VPH	**X**	**X**	---	ORELAP
Aromatic Petroleum Hydrocarbons (C12 – C13)	N/A	NWTPH VPH	**X**	**X**	---	ORELAP
Aromatic Petroleum Hydrocarbons (C8 – C10)	N/A	NWTPH VPH	**X**	**X**	---	ORELAP
TCLP Extraction	N/A	1311	**X**	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
SPLP	N/A	1312	**X**	**X**	---	ORELAP
Acid Digestion for Metals Analysis	N/A	3010A	---	---	---	---
Microwave Assisted Acid Digestion	N/A	3015A	---	---	---	---
Acid Digestion	N/A	3050B	**X**	**X**	---	ANAB
Microwave Assisted Acid Digestion	N/A	3050B	---	---	---	---
Microwave Assisted Acid Digestion	N/A	3051A	---	---	---	---
Alkaline Digestion	N/A	3060A	---	---	---	---
Separatory Funnel Extraction	N/A	3510C	---	**X**	---	ANAB
Liquid-Liquid Extraction	N/A	3520C	---	**X**	---	ANAB
SPE extraction for explosives	N/A	3535A	---	---	---	---
Soxhlet Extraction	N/A	3540C	---	---	---	---
Pressurized Fluid Extraction (PFE)	N/A	3545	---	---	---	---
Microwave Extraction	N/A	3546	**X**	---	---	ANAB
Ultrasonic Extraction	N/A	3550B	**X**	**X**	---	ANAB
Ultrasonic Extraction	N/A	3550C	---	---	---	---
Alumina Cleanup	N/A	3610B	---	---	---	---
Florisil Cleanup	N/A	3620B	**X**	**X**	---	ANAB
Florisil Cleanup	N/A	3620C	---	---	---	---
Acid Base Partition Cleanup	N/A	3650B	---	---	---	---
Sulfur cleanup	N/A	3660B	**X**	**X**	---	ANAB
Sulfuric Acid/Permanganate Cleanup	N/A	3665A	**X**	**X**	---	ANAB
Purge and Trap	N/A	5030B	**X**	**X**	---	ANAB
Purge and Trap	N/A	5030C	---	---	---	---
Closed System Purge and Trap	N/A	5035	---	---	---	---
Closed System Purge and Trap	N/A	5035A	**X**	**X**	---	ANAB
Closed-System Purge and Trap	N/A	5035B	---	---	---	---
Mercury Digestion	N/A	7470A	---	**X**	---	ANAB

Scope of Approval – X indicates approved methods

Hazardous Substance	CAS Number	Analysis Method	Sample Matrix			Accrediting Body
			Soil	Water	Air	
Mercury Digestion	N/A	7470B	---	---	---	---
Mercury Digestion	N/A	7471A	**X**	---	---	ANAB
Incremental Sampling	N/A	8330B	---	---	---	---
Acid Digestion for Metals	N/A	3005A	---	**X**	---	ANAB

CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board
500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

SGS Accutest - Dayton
2235 Route 130
Dayton NJ 08810

has been assessed by ANAB
and meets the requirements of

ISO/IEC 17025:2005 and DoD-ELAP

while demonstrating technical competence in the field of

TESTING

Refer to the accompanying Scope of Accreditation for information regarding the types of tests to which this accreditation applies.

L2248
Certificate Number

ANAB Approval

Certificate Valid: 08/21/2017-04/14/2019
Version No. 002 Issued: 08/21/2017

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

ANSI-ASQ National Accreditation Board

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005 AND DOD QUALITY SYSTEMS MAUAL FOR ENVIRONMENTAL LABORATORIES (DOD QSM V5.0)

SGS Accutest - Dayton
2235 Route 130
Dayton, NJ 08810
Heather Hall
732-329-0200

TESTING

Valid to: **April 14, 2019** Certificate Number: **L2248**

Environmental

Non-Potable Water		
Technology	**Method**	**Analyte**
Membrane Filter (MF)	SM 9222 D-97	Fecal Coliform
Membrane Filter (MF)	SM 9222 B-97	Total Coliform
Pour Plate	SM 9215B	Heterotrophic Plate Count
Electrometric Titration	SM 2320 B-11	Alkalinity as CaCO3, Phenolpthalein Alkalinity
Calculation	SM 4500-CO 2 D-11	Alkalinity, bicarbonate
Calculation	SM 4500-CO 2 D-11	Alkalinity, carbonate
Automated Phenate	SM 4500-NH3 B+H-11	Ammonia
Dissolved Oxygen, Polarography	SM 5210 B-11	Biochemical Oxygen Demand
Dissolved Oxygen, Polarography	SM 5210 B-11	Carbonaceous Biochemical Oxygen Demand
Titrimetry	SM 5220B (Mod)-11 SM 5220C (Mod)-11	Chemical Oxygen Demand
DPD-FAS	SM 4500-Cl F-11	Chlorine
Colorimetry	SW846 Chapter 7	Cyanide Reactivity
Distillation, Spectrophotometry	EPA 335.4 SM 4500-CN B-11	Cyanide
Distillation, Spectrophotometry	SM 4500-CN C-11 SM 4500-CN G-11	Cyanide – Amenable to Chlorination

Non-Potable Water		
Colorimetric	SM 2120 B-11	Color
Gravimetry	ASTM Definition E12	Density
Microcoulometry	EPA 9020B	Total halides
Automated cadmium reduction	EPA 353.2	Nitrate-Nitrite
Extraction	SM 5540 D-11	Nonionic Surfactants
Combustion/IR	SM 5310 B-11	Total Organic Carbon (TOC)
Calculation	SM 4500-CO 2 D-11	Carbon Dioxide
Calculation	EPA 351.2 SM 4500-NH3 B+H+G-11	Organic Nitrogen
Spectrophotometry	SM 4500-P E-11	Orthophosphate
Meter with a combined electrode	ASTM D1498-76	Oxidation-Reduction Potential
Distillation Colorimetry Automated	EPA 420.1 EPA 420 .4	Phenols
Persulfate Digestion + Manual Colorimetry	EPA 365.3	Phosphorus (total)
Muffle furnace at high temperatures	ASTM D482-91	Percent Ash
Gravimetry	SM 2540 C-11	Residue – filterable (TDS)
Gravimetry	SM 2540 D-11	Residue – nonfilterable (TSS)
Volumetric (Imhoff Cone)	SM 2540 F-11	Residue – settleable
Gravimetry	EPA 160.4	Residue – volatile
Gravimetry	SM 2540 G-11	Total, fixed, and volatile solids (SQAR)
Electrical Conductivity	SM 2520 B-11	Salinity
Filtration –Colorimetry	SM 4500-Si C-11	Silica – dissolved
Wheatstone Bridge	SM 2510 B-11	Specific Conductance
Wheatstone Bridge	EPA 9050A	Specific Conductance
Calculation	SM 2510 A-11	Resistivity
Titrimetry, Iodometric	SM 4500-S2 B+C+F-11	Sulfides
Calculation	SM 4500-S2 H-11	Hydrogen Sulfide
Colorimetry (Methylene Blue)	SM 5540 C-11	Surfactants
Nephelometry	EPA 180.1	Turbidity
Electrode	SM 4500-O C-11 SM 4500-O G-11	Oxygen (dissolved)
Electrometry	SM 4500-H B-11	pH
Calculation	EPA 6010; EPA 7196A	Chromium, Trivalent

Non-Potable Water		
Colorimetry	SM 3500-Cr B-11	Chromium, VI
Digestion Colorimetry	SM 3500-Fe B-11	Iron, Ferrous
Manual Cold Vapor AA	EPA 245.1	Mercury
ICP-MS	EPA 6020/A EPA 200.8	Aluminum
ICP-MS	EPA 6020/A EPA 200.8	Antimony
ICP-MS	EPA 6020/A EPA 200.8	Arsenic
ICP-MS	EPA 6020/A EPA 200.8	Barium
ICP-MS	EPA 6020/A EPA 200.8	Beryllium
ICP-MS	EPA 6020/A EPA 200.8	Boron
ICP-MS	EPA 6020/A EPA 200.8	Cadmium
ICP-MS	EPA 6020/A EPA 200.8	Calcium
ICP-MS	EPA 6020/A EPA 200.8	Chromium
ICP-MS	EPA 6020/A EPA 200.8	Cobalt
ICP-MS	EPA 6020/A EPA 200.8	Copper
ICP-MS	EPA 6020/A EPA 200.8	Iron
ICP-MS	EPA 6020/A EPA 200.8	Lead
ICP-MS	EPA 6020/A EPA 200.8	Magnesium
ICP-MS	EPA 6020/A EPA 200.8	Manganese
ICP-MS	EPA 6020/A EPA 200.8	Molybdenum
ICP-MS	EPA 6020/A EPA 200.8	Nickel
ICP-MS	EPA 6020/A EPA 200.8	Potassium
ICP-MS	EPA 6020/A EPA 200.8	Selenium

Non-Potable Water		
ICP-MS	EPA 6020/A EPA 200.8	Silver
ICP-MS	EPA 6020/A EPA 200.8	Sodium
ICP-MS	EPA 6020/A EPA 200.8	Strontium
ICP-MS	EPA 6020/A EPA 200.8	Thallium
ICP-MS	EPA 6020/A EPA 200.8	Tin
ICP-MS	EPA 6020/A EPA 200.8	Titanium
ICP-MS	EPA 6020/A EPA 200.8	Vanadium
ICP-MS	EPA 6020/A EPA 200.8	Zinc
GC-ECD	EPA 8011	1,2-Dibromomethane (EDB)
GC-ECD	EPA 8011	1,2-Dibromo-3-chloropropane
GC-ECD	EPA 8011	1,2,3-Trichloropropane
GC-FID	EPA 8015 B/C	Diesel range organics (DRO)
GC-FID	EPA 8015 B/C	Gasoline range organics (GRO)
GC-FID	EPA 8015 B/C	Ethanol
GC-FID	EPA 8015 B/C	1-Butanol
GC-FID	EPA 8015 B/C	Isobutyl alcohol (2-Methyl-1-propanol)
GC-FID	EPA 8015 B/C	Isopropyl alcohol (2-Propanol)
GC-FID	EPA 8015 B/C	Methanol
GC-FID	EPA 8015 B/C	Tert-butyl alcohol
GC-FID	EPA 8015 B/C	n-Propyl alcohol
GC-FID	NJDEP-EPH	Extractable Petroleum Hydrocarbons
GC-FID	EPA 603	Acrolein
GC-FID	EPA 603	Acrylonitrile
GC-ECD	EPA 8081A/B; EPA 608	4 4`-DDD
GC-ECD	EPA 8081A/B; EPA 608	4 4`-DDE
GC-ECD	EPA 8081A/B; EPA 608	4 4`-DDT
GC-ECD	EPA 8081A/B; EPA 608	Aldrin
GC-ECD	EPA 8081A/B; EPA 608	Chlordane (tech.)
GC-ECD	EPA 8081A/B; EPA 608	Dieldrin

Non-Potable Water		
GC-ECD	EPA 8081A/B; EPA 608	Endosulfan I
GC-ECD	EPA 8081A/B; EPA 608	Endosulfan II
GC-ECD	EPA 8081A/B; EPA 608	Endosulfan sulfate
GC-ECD	EPA 8081A/B; EPA 608	Endrin
GC-ECD	EPA 8081A/B; EPA 608	Endrin aldehyde
GC-ECD	EPA 8081A/B; EPA 608	Endrin ketone
GC-ECD	EPA 8081A/B; EPA 608	Heptachlor
GC-ECD	EPA 8081A/B; EPA 608	Heptachlor epoxide
GC-ECD	EPA 8081A/B; EPA 608	Methoxychlor
GC-ECD	EPA 8081A/B; EPA 608	Toxaphene (Chlorinated camphene)
GC-ECD	EPA 8081A/B; EPA 608	alpha-BHC (alpha-Hexachlorocyclohexane)
GC-ECD	EPA 8081A/B; EPA 608	alpha-Chlordane
GC-ECD	EPA 8081A/B; EPA 608	beta-BHC (beta-Hexachlorocyclohexane)
GC-ECD	EPA 8081A/B; EPA 608	delta-BHC
GC-ECD	EPA 8081A/B; EPA 608	gamma-BHC (Lindane gamma-Hexachlorocyclohexane)
GC-ECD	EPA 8081A/B; EPA 608	gamma-Chlordane
GC-ECD	EPA 8081A/B	Mirex
GC-ECD	EPA 8081A/B	Alachlor
GC-ECD	EPA 8082/A; EPA 608	Aroclor-1016 (PCB-1016)
GC-ECD	EPA 8082/A; EPA 608	Aroclor-1221 (PCB-1221)
GC-ECD	EPA 8082/A; EPA 608	Aroclor-1232 (PCB-1232)
GC-ECD	EPA 8082/A; EPA 608	Aroclor-1242 (PCB-1242)
GC-ECD	EPA 8082/A; EPA 608	Aroclor-1248 (PCB-1248)
GC-ECD	EPA 8082/A; EPA 608	Aroclor-1254 (PCB-1254)
GC-ECD	EPA 8082/A; EPA 608	Aroclor-1260 (PCB-1260)
GC-ECD	EPA 8082/A; EPA 608	Aroclor-1262 (PCB-1262)
GC-ECD	EPA 8082/A; EPA 608	Aroclor-1268 (PCB-1268)
GC-ECD	EPA 8151A	2 4 5-T
GC-ECD	EPA 8151A	2 4-D
GC-ECD	EPA 8151A	2 4-DB
GC-ECD	EPA 8151A	Dalapon
GC-ECD	EPA 8151A	Dicamba

Non-Potable Water		
GC-ECD	EPA 8151A	Dichloroprop (Dichlorprop)
GC-ECD	EPA 8151A	Dinoseb (2-sec-butyl-4 6-dinitrophenol DNBP)
GC-ECD	EPA 8151A	MCPA
GC-ECD	EPA 8151A	MCPP
GC-ECD	EPA 8151A	Pentachlorophenol
GC-ECD	EPA 8151A	Silvex (2 4 5-TP)
GC-ECD	EPA 8151A	Picloram
GC-FID	EPA RSK-175	Butane
GC-FID	EPA RSK-175	Carbon Dioxide
GC-FID	EPA RSK-175	Ethane
GC-FID	EPA RSK-175	Ethene
GC-FID	EPA RSK-175	Methane
GC-FID	EPA RSK-175	Propane
GC-MS	EPA 624	Bis(chloromethyl)ether
GC-MS	EPA 624	Ethylenimine
GC-MS	EPA 624	n-Heptane
GC-MS	EPA 624	n-Hexane
GC-MS	EPA 624	Isobutyraldehyde
GC-MS	EPA 624	Isopropanol
GC-MS	EPA 624	Isopropyl acetate
GC-MS	EPA 624	Isopropyl ether
GC-MS	EPA 624	Methyl formate
GC-MS	EPA 624	o-Xylene
GC-MS	EPA 624	m- + p-Xylene
GC-MS	EPA 8260B/C	Ethylene glycol
GC-MS	EPA 8260B/C	Propylene glycol
GC-MS	EPA 8260B/C; EPA 624	1 1 1 2-Tetrachloroethane
GC-MS	EPA 8260C	1,2,4,5-Tetramethylbenzene
GC-MS	EPA 8260B/C; EPA 624	1 1 1-Trichloroethane
GC-MS	EPA 8260B/C; EPA 624	1 1 2 2-Tetrachloroethane
GC-MS	EPA 8260B/C; EPA 624	1 1 2-Trichloroethane
GC-MS	EPA 624	1-Chloro-1 1-difluoromethane

Non-Potable Water		
GC-MS	EPA 8260B/C; EPA 624	1 1-Dichloroethane
GC-MS	EPA 8260B/C; EPA 624	1 1-Dichloroethylene
GC-MS	EPA 8260B/C; EPA 624	1 1-Dichloropropene
GC-MS	EPA 8260C	1,2-Dichlorotetrafluoroethane
GC-MS	EPA 8260B/C; EPA 624	1 2 3-Trichlorobenzene
GC-MS	EPA 8260B/C; EPA 624	1 2 3-Trichloropropane
GC-MS	EPA 8260B/C; EPA 624	1 2 4-Trichlorobenzene
GC-MS	EPA 624	1,1,1- Trifluoroethane
GC-MS	EPA 8260B/C; EPA 624	1 2 4-Trimethylbenzene
GC-MS	EPA 8260C	1,2,3-Trimethylbenzene
GC-MS	EPA 8260B/C; EPA 624	1 2-Dibromo-3-chloropropane (DBCP)
GC-MS	EPA 8260B/C; EPA 624	1 2-Dibromoethane (EDB Ethylene dibromide)
GC-MS	EPA 8260B/C; EPA 624	1 2-Dichlorobenzene
GC-MS	EPA 8260B/C; EPA 624	1 2-Dichloroethane
GC-MS	EPA 8260B/C; EPA 624	1 2-Dichloropropane
GC-MS	EPA 8260B/C; EPA 624	1 3 5-Trimethylbenzene
GC-MS	EPA 8260B/C; EPA 624	1 3-Dichlorobenzene
GC-MS	EPA 8260B/C; EPA 624	1 3-Dichloropropane
GC-MS	EPA 8260B/C; EPA 624	1 4-Dichlorobenzene
GC-MS	EPA 8260C	p-Diethylbenzene
GC-MS	EPA 8260C	3,3-Dimethyl-1-Butanol
GC-MS	EPA 8260B/C	1-Chlorohexane
GC-MS	EPA 8260C	1-Chloropropane
GC-MS	EPA 8260C	2-Chloropropane
GC-MS	EPA 8260B/C; EPA 624	2 2-Dichloropropane
GC-MS	EPA 8260B/C; EPA 624	2-Butanone (Methyl ethyl ketone MEK)
GC-MS	EPA 8260B/C; EPA 624	2-Chloroethyl vinyl ether
GC-MS	EPA 8260B/C; EPA 624	2-Chlorotoluene
GC-MS	EPA 8260B/C; EPA 624	2-Hexanone
GC-MS	EPA 8260B/C; EPA 624	2-Nitropropane
GC-MS	EPA 8260B/C; EPA 624	4-Chlorotoluene
GC-MS	EPA 8260B/C; EPA 624	4-Methyl-2-pentanone (MIBK)

Non-Potable Water		
GC-MS	EPA 8260B/C; EPA 624	Acetone
GC-MS	EPA 8260B/C; EPA 624	Acetonitrile
GC-MS	EPA 8260B/C; EPA 624	Acrolein (Propenal)
GC-MS	EPA 8260B/C; EPA 624	Acrylonitrile
GC-MS	EPA 8260B/C; EPA 624	Allyl chloride (3-Chloropropene)
GC-MS	EPA 8260B/C; EPA 624	Benzene
GC-MS	EPA 8260B/C; EPA 624	Bromobenzene
GC-MS	EPA 8260B/C; EPA 624	Bromochloromethane
GC-MS	EPA 8260B/C; EPA 624	Bromodichloromethane
GC-MS	EPA 8260B/C; EPA 624	Bromoform
GC-MS	EPA 8260C	1,3-Butadiene
GC-MS	EPA 8260B/C; EPA 624	Carbon disulfide
GC-MS	EPA 8260B/C; EPA 624	Carbon tetrachloride
GC-MS	EPA 8260B/C; EPA 624	Chlorobenzene
GC-MS	EPA 8260B/C; EPA 624	Chloroethane
GC-MS	EPA 8260B/C; EPA 624	Chloroform
GC-MS	EPA 8260B/C	Chloroprene
GC-MS	EPA 8260C	Chlorotrifluoroethene
GC-MS	EPA 624	Cyclohexanone
GC-MS	EPA 8260B/C; EPA 624	Di-isopropylether (DIPE)
GC-MS	EPA 8260B/C; EPA 624	Dibromochloromethane
GC-MS	EPA 8260B; EPA 624	Dibromomethane
GC-MS	EPA 8260B/C; EPA 624	Dichlorodifluoromethane
GC-MS	EPA 8260B/C; EPA 624	Diethyl ether
GC-MS	EPA 624	1,1-Dichloro-1-fluoroethane
GC-MS	EPA 8260B/C	Ethanol
GC-MS	EPA 8260B/C; EPA 624	Ethyl acetate
GC-MS	EPA 8260B/C; EPA 624	Ethyl methacrylate
GC-MS	EPA 8260B/C; EPA 624	Ethyl-t-butylether (ETBE)
GC-MS	EPA 8260B/C; EPA 624	Ethylbenzene
GC-MS	EPA 8260B/C; EPA 624	Hexachlorobutadiene
GC-MS	EPA 8260C	n-Hexane
GC-MS	EPA 8260B/C; EPA 624	Iodomethane (Methyl iodide)

Non-Potable Water		
GC-MS	EPA 8260C	n-Hexane
GC-MS	EPA 8260B/C; EPA 624	Iodomethane (Methyl iodide)
GC-MS	EPA 8260C	Isobutyl Acetate
GC-MS	EPA 8260B/C	Isobutyl alcohol (2-Methyl-1-propanol)
GC-MS	EPA 8260B/C; EPA 624	Isopropylbenzene
GC-MS	EPA 8260C	Isopropyl acetate
GC-MS	EPA 8260B/C	Methacrylonitrile
GC-MS	EPA 8260B/C; EPA 624	Methyl bromide (Bromomethane)
GC-MS	EPA 8260B/C; EPA 624	Methyl chloride (Chloromethane)
GC-MS	EPA 8260B/C; EPA 624	Methyl methacrylate
GC-MS	EPA 8260B/C; EPA 624	Methyl tert-butyl ether (MTBE)
GC-MS	EPA 8260C	Methylene bromide
GC-MS	EPA 8260B/C; EPA 624	Methylene chloride
GC-MS	EPA 8260B/C; EPA 624	Naphthalene
GC-MS	EPA 8260B/C	Pentachloroethane
GC-MS	EPA 8260B/C	Propionitrile (Ethyl cyanide)
GC-MS	EPA 8260C	Propylene
GC-MS	EPA 8260B/C; EPA 624	Styrene
GC-MS	EPA 8260B/C; EPA 624	T-amylmethylether (TAME)
GC-MS	EPA 8260B/C; EPA 624	Tetrachloroethylene (Perchloroethylene)
GC-MS	EPA 8260B/C; EPA 624	Toluene
GC-MS	EPA 8260B/C; EPA 624	Trichloroethene (Trichloroethylene)
GC-MS	EPA 8260B/C; EPA 624	Trichlorofluoromethane
GC-MS	EPA 8260B/C; EPA 624	Vinyl acetate
GC-MS	EPA 8260C	Vinyl bromide
GC-MS	EPA 8260B/C; EPA 624	Vinyl chloride
GC-MS	EPA 8260C	o-Xylene
GC-MS	EPA 8260C	m,p-Xylene
GC-MS	EPA 8260B/C; EPA 624	Xylene (total)
GC-MS	EPA 8260B/C; EPA 624	cis-1 2-Dichloroethylene
GC-MS	EPA 8260B/C; EPA 624	cis-1 3-Dichloropropene
GC-MS	EPA 8260B/C; EPA 624	n-Butylbenzene
GC-MS	EPA 8260B/C; EPA 624	n-Propylbenzene

Non-Potable Water		
GC-MS	EPA 8260B/C; EPA 624	p-Dioxane
GC-MS	EPA 8260B/C; EPA 624	p-Isopropyltoluene
GC-MS	EPA 8260C	Tert Amyl Alcohol
GC-MS	EPA 8260B/C; EPA 624	sec-Butylbenzene
GC-MS	EPA 8260B/C; EPA 624	tert-Butyl alcohol
GC-MS	EPA 8260B/C; EPA 624	tert-Butylbenzene
GC-MS	EPA 624	n- Butyl acetate
GC-MS	EPA 8260B/C; EPA 624	trans-1 2-Dichloroethylene
GC-MS	EPA 8260B/C; EPA 624	trans-1 3-Dichloropropylene
GC-MS	EPA 8260B/C; EPA 624	trans-1 4-Dichloro-2-butene
GC-MS	EPA 8260B/C	Cyclohexane
GC-MS	EPA 8260B/C	Cyclohexanone
GC-MS	EPA 8260B/C; EPA 624	1-Butanol
GC-MS	EPA 8260B/C; EPA 624	Tetrahydrofuran
GC-MS	EPA 8260B EPA 624	1 1 2-Trichloro-1 2 2-trifluoroethane
GC-MS	EPA 8260B/C	Methyl acrylate
GC-MS	EPA 8260B/C; EPA 624	Methyl acetate
GC-MS	EPA 8260B/C	Hexachloroethane
GC-MS	EPA 8260B/C	Benzyl chloride
GC-MS	EPA 8260B/C; EPA 624	Methylcyclohexane
GC-MS	EPA 8260B/C	2,2,4-Trimethylpentane
GC-MS	EPA 625	2,3-Dichloroaniline
GC-MS	EPA 625	1-Methylphenanthrene
GC-MS	EPA 8270C/D; EPA 625	1 2 4 5-Tetrachlorobenzene
GC-MS	EPA 8270C/D; EPA 625	1 2 4-Trichlorobenzene
GC-MS	EPA 8270C/D; EPA 624	1 2-Dichlorobenzene
GC-MS	EPA 625	1,3-Dichlorobenzene
GC-MS	EPA 625	1,4-Dichlorobenzene
GC-MS	EPA 8270C/D; EPA 625	1 2-Diphenylhydrazine
GC-MS	EPA 8270C/D	1 3 5-Trinitrobenzene (1 3 5-TNB)
GC-MS	EPA 8270C/D	1 3-Dichlorobenzene
GC-MS	EPA 8270C/D	1 3-Dinitrobenzene (1 3-DNB)
GC-MS	EPA 8270C/D	1 4-Dichlorobenzene

Non-Potable Water		
GC-MS	EPA 8270D	1,4-Dioxane
GC-MS	EPA 8270C/D	1 4-Naphthoquinone
GC-MS	EPA 8270C/D	1 4-Phenylenediamine
GC-MS	EPA 8270C/D	1-Naphthylamine
GC-MS	EPA 8270C/D; EPA 625	2 3 4 6-Tetrachlorophenol
GC-MS	EPA 8270C/D; EPA 625	2 4 5-Trichlorophenol
GC-MS	EPA 8270C/D; EPA 625	2 4 6-Trichlorophenol
GC-MS	EPA 8270C/D; EPA 625	2 4-Dichlorophenol
GC-MS	EPA 8270C/D; EPA 625	2 4-Dimethylphenol
GC-MS	EPA 8270C/D; EPA 625	2 4-Dinitrophenol
GC-MS	EPA 8270C/D; EPA 625	2 4-Dinitrotoluene (2 4-DNT)
GC-MS	EPA 8270C/D; EPA 625	2 6-Dinitrotoluene (2 6-DNT)
GC-MS	EPA 8270D	2-Aminopyridine
GC-MS	EPA 8270D	2,4-Bipyridine
GC-MS	EPA 8270C/D; EPA 625	2-Chloronaphthalene
GC-MS	EPA 8270C/D; EPA 625	2-Chlorophenol
GC-MS	EPA 8270C/D; EPA 625	2-Methyl-4 6-dinitrophenol
GC-MS	EPA 8270C/D; EPA 625	2-Methylnaphthalene
GC-MS	EPA 8270D	1-Methylnaphthalene
GC-MS	EPA 8270C/D; EPA 625	2-Methylphenol (o-Cresol)
GC-MS	EPA 8270C/D	2-Naphthylamine
GC-MS	EPA 8270C/D; EPA 625	2-Nitroaniline
GC-MS	EPA 8270C/D; EPA 625	2-Nitrophenol
GC-MS	EPA 8270C/D	2-Picoline (2-Methylpyridine)
GC-MS	EPA 8270C/D; EPA 625	3 3`-Dichlorobenzidine
GC-MS	EPA 8270C/D	3 3`-Dimethylbenzidine
GC-MS	EPA 8270C/D	3-Methylcholanthrene
GC-MS	EPA 8270C/D	3-Methylphenol (m-Cresol)
GC-MS	EPA 8270C/D; EPA 625	3-Nitroaniline
GC-MS	EPA 8270C/D	4-Aminobiphenyl
GC-MS	EPA 8270C/D; EPA 625	4-Bromophenyl phenyl ether
GC-MS	EPA 8270C/D; EPA 625	4-Chloro-3-methylphenol
GC-MS	EPA 8270C/D; EPA 625	4-Chloroaniline

Non-Potable Water		
GC-MS	EPA 8270C/D; EPA 625	4-Chlorophenyl phenylether
GC-MS	EPA 8270C/D	4-Dimethyl aminoazobenzene
GC-MS	EPA 8270C/D; EPA 625	4-Methylphenol (p-Cresol)
GC-MS	EPA 8270C/D; EPA 625	4-Nitroaniline
GC-MS	EPA 8270C/D; EPA 625	4-Nitrophenol
GC-MS	EPA 8270C/D	5-Nitro-o-toluidine
GC-MS	EPA 8270C/D; EPA 625	7 12-Dimethylbenz(a) anthracene
GC-MS	EPA 8270C/D; EPA 625	Acenaphthene
GC-MS	EPA 8270C/D; EPA 625	Acenaphthylene
GC-MS	EPA 8270C/D; EPA 625	Acetophenone
GC-MS	EPA 8270C/D; EPA 625	Aniline
GC-MS	EPA 8270C/D; EPA 625	Anthracene
GC-MS	EPA 8270C/D	Aramite
GC-MS	EPA 8270C/D; EPA 625	Benzidine
GC-MS	EPA 8270D	Benzenethiol
GC-MS	EPA 8270C/D; EPA 625	Benzo(a)anthracene
GC-MS	EPA 8270C/D; EPA 625	Benzo(a)pyrene
GC-MS	EPA 8270C/D; EPA 625	Benzo(b)fluoranthene
GC-MS	EPA 8270C/D; EPA 625	Benzo(g h i)perylene
GC-MS	EPA 8270C/D; EPA 625	Benzo(k)fluoranthene
GC-MS	EPA 8270C/D; EPA 625	Benzoic acid
GC-MS	EPA 8270C/D	Benzyl alcohol
GC-MS	EPA 8270C/D; EPA 625	Butyl benzyl phthalate
GC-MS	EPA 8270C/D; EPA 625	Carbazole
GC-MS	EPA 8270D	Camphor
GC-MS	EPA 8270D	Catechol
GC-MS	EPA 8270C/D; EPA 625	Chrysene
GC-MS	EPA 8270C/D; EPA 625	Di-n-butyl phthalate
GC-MS	EPA 8270C/D; EPA 625	Di-n-octyl phthalate
GC-MS	EPA 8270C/D; EPA 625	Dibenz(a h)anthracene
GC-MS	EPA 8270C/D; EPA 625	Dibenz(a h)acridine
GC-MS	EPA 8270C/D; EPA 625	Dibenzofuran
GC-MS	EPA 8270C/D; EPA 625	Diethyl phthalate

Non-Potable Water		
GC-MS	EPA 8270C/D; EPA 625	Dimethyl phthalate
GC-MS	EPA 8270D	Dimethylnaphthalenes(total)
GC-MS	EPA 8270D	Diphenyl ether
GC-MS	EPA 8270C/D	Ethyl methanesulfonate
GC-MS	EPA 8270C/D; EPA 625	Fluoranthene
GC-MS	EPA 8270C/D; EPA 625	Fluorene
GC-MS	EPA 8270D	Guaifenesin
GC-MS	EPA 8270C/D; EPA 625	Hexachlorobenzene
GC-MS	EPA 8270C/D; EPA 625	Hexachlorobutadiene
GC-MS	EPA 8270C/D; EPA 625	Hexachlorocyclopentadiene
GC-MS	EPA 8270C/D; EPA 625	Hexachloroethane
GC-MS	EPA 8270C/D	Hexachlorophene
GC-MS	EPA 8270C/D	Hexachloropropene
GC-MS	EPA 8270C/D; EPA 625	Indeno(1 2 3-cd)pyrene
GC-MS	EPA 8270C/D; EPA 625	Isophorone
GC-MS	EPA 8270C/D; EPA 625	Isosafrole
GC-MS	EPA 8270C/D	Methapyrilene
GC-MS	EPA 8270C/D	Methyl methanesulfonate
GC-MS	EPA 8270D	6-Methyl Chrysene
GC-MS	EPA 8270D	Methyl Salicylate
GC-MS	EPA 8270C/D; EPA 625	Naphthalene
GC-MS	EPA 8270C/D; EPA 625	Nitrobenzene
GC-MS	EPA 8270C/D	Nitroquinoline-1-oxide
GC-MS	EPA 8270C/D; EPA 625	Pentachlorobenzene
GC-MS	EPA 8270C/D	Pentachloronitrobenzene
GC-MS	EPA 8270C/D; EPA 625	Pentachlorophenol
GC-MS	EPA 8270C/D	Phenacetin
GC-MS	EPA 8270C/D; EPA 625	Phenanthrene
GC-MS	EPA 8270C/D; EPA 625	Phenol
GC-MS	EPA 8270C/D	Pronamide (Kerb)
GC-MS	EPA 8270C/D; EPA 625	Pyrene
GC-MS	EPA 8270C/D; EPA 625	Pyridine
GC-MS	EPA 8270D	Quinoline

Non-Potable Water		
GC-MS	EPA 8270C/D	Safrole
GC-MS	EPA 8270D	Salicylamide
GC-MS	EPA 8270C/D	a-a-Dimethylphenethylamine
GC-MS	EPA 8270C/D; EPA 625	bis(2-Chloroethoxy)methane
GC-MS	EPA 8270C/D; EPA 625	bis(2-Chloroethyl) ether
GC-MS	EPA 8270C/D; EPA 625	bis(2-Chloroisopropyl) ether (2 2`-Oxybis(1-chloropropane))
GC-MS	EPA 8270C/D; EPA 625	bis(2-Ethylhexyl) phthalate (DEHP)
GC-MS	EPA 8270C/D; EPA 625	n-Nitroso-di-n-butylamine
GC-MS	EPA 8270C/D; EPA 625	n-Nitrosodi-n-propylamine
GC-MS	EPA 8270C/D; EPA 625	n-Nitrosodiethylamine
GC-MS	EPA 8270C/D; EPA 625	n-Nitrosodimethylamine
GC-MS	EPA 8270C/D; EPA 625	n-Nitrosodiphenylamine
GC-MS	EPA 8270C/D	n-Nitrosomethylethylamine
GC-MS	EPA 8270C/D	n-Nitrosomorpholine
GC-MS	EPA 8270C/D	n-Nitrosopiperidine
GC-MS	EPA 8270C/D; EPA 625	n-Nitrosopyrrolidine
GC-MS	EPA 8270C/D	o-Toluidine
GC-MS	EPA 8270C/D	Chlorobenzilate
GC-MS	EPA 8270C/D; EPA 625	Diallate
GC-MS	EPA 8270C/D	Dimethoate
GC-MS	EPA 8270C/D; EPA 625	Disulfoton
GC-MS	EPA 8270C/D	Famphur
GC-MS	EPA 8270C/D; EPA 625	Isodrin
GC-MS	EPA 8270D	Indene
GC-MS	EPA 8270C/D	Kepone
GC-MS	EPA 8270C/D; EPA 625	Methyl parathion (Parathion methyl)
GC-MS	EPA 8270C/D; EPA 625	Phorate
GC-MS	EPA 8270C/D	Thionazin (Zinophos)
GC-MS	EPA 8270C/D	o o o-Triethyl phosphorothioate
GC-MS	EPA 8270C/D	Pentachloroethane
GC-MS	EPA 8270C/D; EPA 625	Alpha-terpineol
GC-MS	EPA 8270C/D; EPA 625	Dinoseb

Non-Potable Water		
GC-MS	EPA 8270C/D; EPA 625	Parathion
GC-MS	EPA 8270C/D; EPA 625	1,1'-Biphenyl
GC-MS	EPA 8270C/D	Diphenylamine
GC-MS	EPA 8270C/D	Benzaldehyde
GC-MS	EPA 8270C/D; EPA 625	n-Decane
GC-MS	EPA 8270C/D; EPA 625	n-Octadecane
GC-MS	EPA 8270C/D; EPA 625	Caprolactam
GC-MS	EPA 8270C/D	Atrazine
GC-MS	EPA 8270C/D	Hydroquinone
GC-MS	EPA 8270D	Salicylic acid
GC-MS	EPA 8270D	Orto-tricresyl phosphate
GC-MS	EPA 8270D	Tricresyl phosphate
GC-MS	EPA 8270D	Tetraethyl dithiopyrophosphate
GC-MS-SIM	EPA 8270C/D; EPA 625	Benzo(a)anthracene
GC-MS-SIM	EPA 8270C/D; EPA 625	Benzo(a)pyrene
GC-MS-SIM	EPA 8270C/D; EPA 625	Benzo(b)fluoranthene
GC-MS-SIM	EPA 8270C/D; EPA 625	Benzo(k)fluoranthene
GC-MS-SIM	EPA 8270C/D; EPA 625	Dibenzo(a,h)anthracene
GC-MS-SIM	EPA 8270C/D; EPA 625	Hexachlorobenzene
GC-MS-SIM	EPA 625	Hexachlorobutadien
GC-MS-SIM	EPA 625	Hexachlorocyclopentadiene
GC-MS-SIM	EPA 8270C/D; EPA 625	Indeno(1,2,3-cd)pyrene
GC-MS-SIM	EPA 8270C/D; EPA 625	Pentachlorophenol
GC-MS-SIM	EPA 625	Phenol
GC-MS-SIM	EPA 8270C/D; EPA 625	Acenaphthene
GC-MS-SIM	EPA 8270C/D; EPA 625	Acenaphthylene
GC-MS-SIM	EPA 8270C/D; EPA 625	Anthracene
GC-MS-SIM	EPA 8270C/D; EPA 625	Benzo(g,h,i)perylene
GC-MS-SIM	EPA 8270C/D; EPA 625	Chrysene
GC-MS-SIM	EPA 8270C/D; EPA 625	2-methylnaphthalene
GC-MS-SIM	EPA 8270C/D: EPA 625	Naphthalene
GC-MS-SIM	EPA 8270C/D; EPA 625	Fluoranthene
GC-MS-SIM	EPA 8270C/D; EPA 625	Fluorene

Non-Potable Water		
GC-MS-SIM	EPA 8270C/D; EPA 625	Phenanthrene
GC-MS-SIM	EPA 8270C/D; EPA 625	Pyrene
GC-MS-SIM	EPA 8270C/D	1,4-dioxane
GC-MS-SIM	EPA 8270C/D; EPA 625	2-methyl-4,6-dinitrophenol
GC-MS-SIM	EPA 8270C/D	Hexachlorobutadiene
ICP-AES	EPA 6010B/C; EPA 200.7	Aluminum
ICP-AES	EPA 6010B/C; EPA 200.7	Antimony
ICP-AES	EPA 6010B/C; EPA 200.7	Arsenic
ICP-AES	EPA 6010B/C; EPA 200.7	Barium
ICP-AES	EPA 6010B/C; EPA 200.7	Beryllium
ICP-AES	EPA 6010B/C; EPA 200.7	Boron
ICP	EPA 200.7	Bismuth
ICP-AES	EPA 6010B/C; EPA 200.7	Cadmium
ICP-AES	EPA 6010B/C; EPA 200.7	Calcium
ICP-AES	EPA 6010B/C; EPA 200.7	Chromium
ICP-AES	EPA 6010B/C; EPA 200.7	Cobalt
ICP-AES	EPA 6010B/C; EPA 200.7	Copper
ICP	EPA 200.7	Hardness – total as CaCO3
ICP-AES	EPA 6010B/C; EPA 200.7	Iron
ICP-AES	EPA 6010B/C; EPA 200.7	Lead
ICP	EPA 6010C; EPA 200.7	Lithium
ICP-AES	EPA 6010B/C; EPA 200.7	Magnesium
ICP-AES	EPA 6010B/C; EPA 200.7	Manganese
ICP-AES	EPA 6010B/C; EPA 200.7	Molybdenum
ICP-AES	EPA 6010B/C; EPA 200.7	Nickel
ICP-AES	EPA 6010B/C; EPA 200.7	Potassium
ICP-AES	EPA 6010B/C; EPA 200.7	Selenium
ICP	EPA 200.7	Silica - dissolved
ICP	EPA 6010C; EPA 200.7	Silicon
ICP-AES	EPA 6010B/C; EPA 200.7	Silver
ICP-AES	EPA 6010B/C; EPA 200.7	Sodium
ICP-AES	EPA 6010B/C; EPA 200.7	Strontium
ICP	EPA 6010C; EPA 200.7	Sulfur

Non-Potable Water		
ICP-AES	EPA 6010B/C; EPA 200.7	Thallium
ICP-AES	EPA 6010B/C; EPA 200.7	Tin
ICP-AES	EPA 6010B/C; EPA 200.7	Titanium
ICP	EPA 6010C; EPA 200.7	Tungsten
ICP-AES	EPA 6010B/C; EPA 200.7	Vanadium
ICP-AES	EPA 6010B/C; EPA 200.7	Zinc
ICP	EPA 6010C; EPA 200.7	Zirconium
Atomic Fluorescence	EPA 245.7; EPA 1631E	Mercury
9222CVAA	EPA 7470A	Mercury
UV-VIS	EPA 7196A	Hexavalent Chromium
IC	EPA 7199	Hexavalent Chromium
IC	EPA 300.0; EPA 9056/A	Bromide
IC	EPA 300.0; EPA 9056/A	Chloride
IC	EPA 300.0; EPA 9056/A	Fluoride
IC	EPA 300.0; EPA 9056/A	Sulfate
Plating dilutions on Pseudomonas	SGS SOP EMB009-04	General Petroleum Degraders (GDP)
Pensky-Martens Closed-Cup	EPA 1010A	Ignitability
Electrometric Measurement	EPA 9040C	pH
Visual	SM 2110	Physical Description, Appearance
Gravimetry	EPA 1664A	Silica Gel Treated N-Hexane Extractable Material (Oil and Grease)
Gravimetry	SM 2540B-11	Total Solids
Gravimetry	EPA 1664A	N-Hexane Extractable Material (Oil and Grease)
Distillation / UV-Vis	EPA 9010B EPA 9012B (Mod)	Total and Amenable Cyanide
Combustion / IR	EPA 9060A	Total Organic Carbon
Combustion / Titrimetry	EPA 9020B	Total Organic Halides
Titrimetry	EPA 9034	Acid-Soluble and Acid-Insoluble Sulfides
Electrode	EPA 9045C	pH
Colorimetry / Distillation	EPA 9066	Phenolics
Hydrometry	ASTM D1298-85	Specific Gravity
Titration	EPA 9034/ SW846 Chapter7	Sulfide reactivity
Viscometer	ASTM D445	Viscosity at 40 deg. C

Non-Potable Water		
	ASTM D446	
Preparation	**Method**	**Type**
TCLP Extraction	EPA 1311	Toxicity Characteristic Leaching Procedure
SPLP	EPA 1312	Synthetic Precipitation Leaching Procedure
Continuous liquid- liquid extraction	EPA 3520C	Semivolatile Organics
Acid Digestion	EPA 3005A EPA 3010A	Waters for Total Recoverable or Dissolved Metals
Distillation	SM 4500-CN I-11	Weak acid dissociable cyanide
Purge and Trap	EPA 5030B	Aqueous samples
Liquid Extraction	EPA 3510C	Semivolatile Separatory Funnel Liquid

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
ICP-MS	EPA 6020/A	Aluminum
ICP-MS	EPA 6020/A	Antimony
ICP-MS	EPA 6020/A	Arsenic
ICP-MS	EPA 6020/A	Barium
ICP-MS	EPA 6020/A	Beryllium
ICP-MS	EPA 6020/A	Boron
ICP-MS	EPA 6020/A	Cadmium
ICP-MS	EPA 6020/A	Calcium
ICP-MS	EPA 6020/A	Chromium
ICP-MS	EPA 6020/A	Cobalt
ICP-MS	EPA 6020/A	Copper
ICP-MS	EPA 6020/A	Iron
ICP-MS	EPA 6020/A	Lead
ICP-MS	EPA 6020/A	Magnesium
ICP-MS	EPA 6020/A	Manganese
ICP-MS	EPA 6020/A	Molybdenum
ICP-MS	EPA 6020/A	Nickel
ICP-MS	EPA 6020/A	Potassium

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
ICP-MS	EPA 6020/A	Selenium
ICP-MS	EPA 6020/A	Silver
ICP-MS	EPA 6020/A	Sodium
ICP-MS	EPA 6020/A	Strontium
ICP-MS	EPA 6020/A	Thallium
ICP-MS	EPA 6020/A	Titanium
ICP-MS	EPA 6020/A	Tin
ICP-MS	EPA 6020/A	Vanadium
ICP-MS	EPA 6020/A	Zinc
GC-ECD	EPA 8011	1,2-Dibromomethane (EDB)
GC-ECD	EPA 8011	1,2-Dibromo-3-chloropropane
GC-ECD	EPA 8011	1,2,3-Trichloropropane
GC-FID	EPA 8015 B/C	Diesel range organics (DRO)
GC-FID	EPA 8015 B/C	Gasoline range organics (GRO)
GC-FID	EPA 8015 B/C	Ethanol
GC-FID	EPA 8015 B/C	Isobutyl alcohol (2-Methyl-1-propanol)
GC-FID	EPA 8015 B/C	Isopropyl alcohol (2-Propanol)
GC-FID	EPA 8015 B/C	Methanol
GC-FID	EPA 8015 B/C	Tert-butyl alcohol
GC-FID	NJDEP-EPH	Extractable Petroleum Hydrocarbons
GC-ECD	EPA 8081A/B	4 4`-DDD
GC-ECD	EPA 8081A/B	4 4`-DDE
GC-ECD	EPA 8081A/B	4 4`-DDT
GC-ECD	EPA 8081A/B	Aldrin
GC-ECD	EPA 8081A/B	Chlordane (tech.)
GC-ECD	EPA 8081A/B	Dieldrin
GC-ECD	EPA 8081A/B	Endosulfan I
GC-ECD	EPA 8081A/B	Endosulfan II
GC-ECD	EPA 8081A/B	Endosulfan sulfate
GC-ECD	EPA 8081A/B	Endrin
GC-ECD	EPA 8081A/B	Endrin aldehyde
GC-ECD	EPA 8081A/B	Endrin ketone

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC-ECD	EPA 8081A/B	Heptachlor
GC-ECD	EPA 8081A/B	Heptachlor epoxide
GC-ECD	EPA 8081A/B	Methoxychlor
GC-ECD	EPA 8081A/B	Toxaphene (Chlorinated camphene)
GC-ECD	EPA 8081A/B	alpha-BHC (alpha-Hexachlorocyclohexane)
GC-ECD	EPA 8081A/B	alpha-Chlordane
GC-ECD	EPA 8081A/B	beta-BHC (beta-Hexachlorocyclohexane)
GC-ECD	EPA 8081A/B	delta-BHC
GC-ECD	EPA 8081A/B	gamma-BHC (Lindane gamma-Hexachlorocyclohexane)
GC-ECD	EPA 8081A/B	gamma-Chlordane
GC-ECD	EPA 8081A/B	Mirex
GC-ECD	EPA 8082/A	Aroclor-1016 (PCB-1016)
GC-ECD	EPA 8082/A	Aroclor-1221 (PCB-1221)
GC-ECD	EPA 8082/A	Aroclor-1232 (PCB-1232)
GC-ECD	EPA 8082/A	Aroclor-1242 (PCB-1242)
GC-ECD	EPA 8082/A	Aroclor-1248 (PCB-1248)
GC-ECD	EPA 8082/A	Aroclor-1254 (PCB-1254)
GC-ECD	EPA 8082/A	Aroclor-1260 (PCB-1260)
GC-ECD	EPA 8082A	Aroclor-1262 (PCB-1262)
GC-ECD	EPA 8082/A	Aroclor-1268 (PCB-1268)
GC-ECD	EPA 8151A	2 4 5-T
GC-ECD	EPA 8151A	2 4-D
GC-ECD	EPA 8151A	2 4-DB
GC-ECD	EPA 8151A	Dalapon
GC-ECD	EPA 8151A	Dicamba
GC-ECD	EPA 8151A	Dichloroprop (Dichlorprop)
GC-ECD	EPA 8151A	Dinoseb (2-sec-butyl-4 6-dinitrophenol DNBP)
GC-ECD	EPA 8151A	MCPA
GC-ECD	EPA 8151A	MCPP
GC-ECD	EPA 8151A	Pentachlorophenol

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC-ECD	EPA 8151A	Silvex (2 4 5-TP)
GC-ECD	EPA 8151A	Picloram
GC-FID	EPA RSK-175	Ethane
GC-FID	EPA RSK-175	Ethene
GC-FID	EPA RSK-175	Methane
GC-FID	EPA RSK-175	Propane
GC-MS	EPA 8260 SIM	Ethylene glycol
GC-MS	EPA 8260 SIM	Propylene glycol
GC-MS	EPA 8260B/C	1 1 1 2-Tetrachloroethane
GC-MS	EPA 8260B/C	1 1 1-Trichloroethane
GC-MS	EPA 8260B/C	1 1 2 2-Tetrachloroethane
GC-MS	EPA 8260B/C	1 1 2-Trichloroethane
GC-MS	EPA 8260B/C	1 1-Dichloroethane
GC-MS	EPA 8260B/C	1 1-Dichloroethylene
GC-MS	EPA 8260B/C	1 1-Dichloropropene
GC-MS	EPA 8260B/C	1 2 3-Trichlorobenzene
GC-MS	EPA 8260B/C	1 2 3-Trichloropropane
GC-MS	EPA 8260B/C	1 2 4-Trichlorobenzene
GC-MS	EPA 8260B/C	1 2 4-Trimethylbenzene
GC-MS	EPA 8260B/C	1 2-Dibromo-3-chloropropane (DBCP)
GC-MS	EPA 8260B/C	1 2-Dibromoethane (EDB Ethylene dibromide)
GC-MS	EPA 8260B/C	1 2-Dichlorobenzene
GC-MS	EPA 8260B/C	1 2-Dichloroethane
GC-MS	EPA 8260B	1,1-Dichloro-1-fluoroethane
GC-MS	EPA 8260B	1-Chloro-1,1-difluoroethane
GC-MS	EPA 8260B/C	1 2-Dichloropropane
GC-MS	EPA 8260B/C	1 3 5-Trimethylbenzene
GC-MS	EPA 8260C	1,2,3-Trimethylbenzene
GC-MS	EPA 8260C	1,2,4,5-Tetramethylbenzene
GC-MS	EPA 8260B/C	1 3-Dichlorobenzene
GC-MS	EPA 8260B/C	1 3-Dichloropropane

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC-MS	EPA 8260B/C	1 4-Dichlorobenzene
GC-MS	EPA 8260B/C	3,3-Dimethyl-1-Butanol
GC-MS	EPA 8260B/C	1-Chlorohexane
GC-MS	EPA 8260B/C	2 2-Dichloropropane
GC-MS	EPA 8260B/C	2-Butanone (Methyl ethyl ketone MEK)
GC-MS	EPA 8260B/C	2-Chloroethyl vinyl ether
GC-MS	EPA 8260B/C	2-Chlorotoluene
GC-MS	EPA 8260B/C	2-Hexanone
GC-MS	EPA 8260B/C	2-Nitropropane
GC-MS	EPA 8260B/C	4-Chlorotoluene
GC-MS	EPA 8260B/C	4-Methyl-2-pentanone (MIBK)
GC-MS	EPA 8260B/C	Acetone
GC-MS	EPA 8260B/C	Acetonitrile
GC-MS	EPA 8260B/C	Acrolein (Propenal)
GC-MS	EPA 8260B/C	Acrylonitrile
GC-MS	EPA 8260B/C	Allyl chloride (3-Chloropropene)
GC-MS	EPA 8260B/C	Benzene
GC-MS	EPA 8260B/C	Bromobenzene
GC-MS	EPA 8260B/C	Bromochloromethane
GC-MS	EPA 8260B/C	Bromodichloromethane
GC-MS	EPA 8260B/C	Bromoform
GC-MS	EPA 8260C	1,3-Butadiene
GC-MS	EPA 8260B/C	t-Butyl formate
GC-MS	EPA 8260B/C	Carbon disulfide
GC-MS	EPA 8260B/C	Carbon tetrachloride
GC-MS	EPA 8260B/C	Chlorobenzene
GC-MS	EPA 8260B/C	Chloroethane
GC-MS	EPA 8260B/C	Chloroform
GC-MS	EPA 8260B/C	Chloroprene
GC-MS	EPA 8260B/C	Di-isopropylether (DIPE)
GC-MS	EPA 8260B/C	Dibromochloromethane
GC-MS	EPA 8260B/C	Dibromomethane

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC-MS	EPA 8260B/C	Dichlorodifluoromethane
GC-MS	EPA 8260C	p-Diethylbenzene
GC-MS	EPA 8260B/C	Diethyl ether
GC-MS	EPA 8260C	Epichlorohydrin
GC-MS	EPA 8260B/C	Ethanol
GC-MS	EPA 8260B/C	Ethyl acetate
GC-MS	EPA 8260B/C	Ethyl methacrylate
GC-MS	EPA 8260B/C	Ethyl-t-butylether (ETBE)
GC-MS	EPA 8260B/C	Ethylbenzene
GC-MS	EPA 8260C	p-Ethyltoluene
GC-MS	EPA 8260B/C	n-Heptane
GC-MS	EPA 8260B/C	Hexachlorobutadiene
GC-MS	EPA 8260B/C	n-Hexane
GC-MS	EPA 8260B/C	Iodomethane (Methyl iodide)
GC-MS	EPA 8260B/C	Isobutyl alcohol (2-Methyl-1-propanol)
GC-MS	EPA 8260B/C	Isopropyl acetate
GC-MS	EPA 8260B/C	Isopropylbenzene
GC-MS	EPA 8260B/C	Methacrylonitrile
GC-MS	EPA 8260B/C	Methyl bromide (Bromomethane)
GC-MS	EPA 8260B/C	Methyl chloride (Chloromethane)
GC-MS	EPA 8260B/C	Methyl methacrylate
GC-MS	EPA 8260B/C	Methyl tert-butyl ether (MTBE)
GC-MS	EPA 8260B/C	Methylene chloride
GC-MS	EPA 8260B/C	Naphthalene
GC-MS	EPA 8260B/C	Pentachloroethane
GC-MS	EPA 8260B/C	Propionitrile (Ethyl cyanide)
GC-MS	EPA 8260C	Propylene
GC-MS	EPA 8260B/C	Styrene
GC-MS	EPA 8260B/C	T-amylmethylether (TAME)
GC-MS	EPA 8260B/C	Tetrachloroethylene (Perchloroethylene)
GC-MS	EPA 8260B/C	Toluene
GC-MS	EPA 8260B/C	Trichloroethene (Trichloroethylene)

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC-MS	EPA 8260B/C	Trichlorofluoromethane
GC-MS	EPA 8260B/C	Vinyl acetate
GC-MS	EPA 8260B/C	Vinyl chloride
GC-MS	EPA 8260B/C	o-Xylene
GC-MS	EPA 8260B/C	Xylene (total)
GC-MS	EPA 8260B/C	cis-1 2-Dichloroethylene
GC-MS	EPA 8260B/C	cis-1 3-Dichloropropene
GC-MS	EPA 8260B/C	n-Butylbenzene
GC-MS	EPA 8260B/C	n-Propylbenzene
GC-MS	EPA 8260B/C	p-Dioxane
GC-MS	EPA 8260B/C	p-Isopropyltoluene
GC-MS	EPA 8260B/C	sec-Butylbenzene
GC-MS	EPA 8260B/C	tert-Butyl alcohol
GC-MS	EPA 8260B/C	tert-Butylbenzene
GC-MS	EPA 8260B/C	trans-1 2-Dichloroethylene
GC-MS	EPA 8260B/C	trans-1 3-Dichloropropylene
GC-MS	EPA 8260B/C	trans-1 4-Dichloro-2-butene
GC-MS	EPA 8260B/C	Cyclohexane
GC-MS	EPA 8260B/C	Cyclohexanone
GC-MS	EPA 8260B/C	1-Butanol
GC-MS	EPA 8260B/C	Tetrahydrofuran
GC-MS	EPA 8260B/C	1 1 2-Trichloro-1 2 2-trifluoroethane
GC-MS	EPA 8260B/C	Methyl acrylate
GC-MS	EPA 8260B/C	Methyl acetate
GC-MS	EPA 8260B/C	Hexachloroethane
GC-MS	EPA 8260B/C	Methylcyclohexane
GC-MS	EPA 8260B/C	2,2,4-Trimethylpentane
GC-MS	EPA 8260B	1,1,1-Trifluoroethane
GC-MS	EPA 8270C/D	1 2 4 5-Tetrachlorobenzene
GC-MS	EPA 8270C/D	1 2 4-Trichlorobenzene
GC-MS	EPA 8270C/D	1 2-Dichlorobenzene
GC-MS	EPA 8270C/D	1 2-Diphenylhydrazine

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC-MS	EPA 8270C/D	1 3 5-Trinitrobenzene (1 3 5-TNB)
GC-MS	EPA 8270C/D	1 3-Dichlorobenzene
GC-MS	EPA 8270C/D	1 3-Dinitrobenzene (1 3-DNB)
GC-MS	EPA 8270C/D	1 4-Dichlorobenzene
GC-MS	EPA 8270C/D	1 4-Naphthoquinone
GC-MS	EPA 8270C/D	1-Naphthylamine
GC-MS	EPA 8270C/D	2 3 4 6-Tetrachlorophenol
GC-MS	EPA 8270C/D	2 4 5-Trichlorophenol
GC-MS	EPA 8270C/D	2 4 6-Trichlorophenol
GC-MS	EPA 8270C/D	2 4-Dichlorophenol
GC-MS	EPA 8270C/D	2 4-Dimethylphenol
GC-MS	EPA 8270C/D	2 4-Dinitrophenol
GC-MS	EPA 8270C/D	2 4-Dinitrotoluene (2 4-DNT)
GC-MS	EPA 8270C/D	2 6-Dichlorophenol
GC-MS	EPA 8270C/D	2 6-Dinitrotoluene (2 6-DNT)
GC-MS	EPA 8270C/D	2-Acetylaminofluorene
GC-MS	EPA 8270C/D	2-Chloronaphthalene
GC-MS	EPA 8270C/D	2-Chlorophenol
GC-MS	EPA 8270C/D	2-Methyl-4 6-dinitrophenol
GC-MS	EPA 8270C/D	2-Methylnaphthalene
GC-MS	EPA 8270C/D	2-Methylphenol (o-Cresol)
GC-MS	EPA 8270C/D	2-Naphthylamine
GC-MS	EPA 8270C/D	2-Nitroaniline
GC-MS	EPA 8270C/D	2-Nitrophenol
GC-MS	EPA 8270C/D	2-Picoline (2-Methylpyridine)
GC-MS	EPA 8270C/D	3 3`-Dichlorobenzidine
GC-MS	EPA 8270C/D	3-Methylcholanthrene
GC-MS	EPA 8270C/D	3-Methylphenol (m-Cresol)
GC-MS	EPA 8270C/D	3-Nitroaniline
GC-MS	EPA 8270C/D	4-Aminobiphenyl
GC-MS	EPA 8270C/D	4-Bromophenyl phenyl ether
GC-MS	EPA 8270C/D	4-Chloro-3-methylphenol

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC-MS	EPA 8270C/D	4-Chloroaniline
GC-MS	EPA 8270C/D	4-Chlorophenyl phenylether
GC-MS	EPA 8270C/D	4-Dimethyl aminoazobenzene
GC-MS	EPA 8270C/D	4-Methylphenol (p-Cresol)
GC-MS	EPA 8270C/D	4-Nitroaniline
GC-MS	EPA 8270C/D	4-Nitrophenol
GC-MS	EPA 8270C/D	5-Nitro-o-toluidine
GC-MS	EPA 8270C/D	7 12-Dimethylbenz(a) anthracene
GC-MS	EPA 8270C/D	Acenaphthene
GC-MS	EPA 8270C/D	Acenaphthylene
GC-MS	EPA 8270C/D	Acetophenone
GC-MS	EPA 8270C/D	Aniline
GC-MS	EPA 8270C/D	Anthracene
GC-MS	EPA 8270C/D	Aramite
GC-MS	EPA 8270C/D	Benzidine
GC-MS	EPA 8270C/D	Benzo(a)anthracene
GC-MS	EPA 8270C/D	Benzo(a)pyrene
GC-MS	EPA 8270C/D	Benzo(b)fluoranthene
GC-MS	EPA 8270C/D	Benzo(g h i)perylene
GC-MS	EPA 8270C/D	Benzo(k)fluoranthene
GC-MS	EPA 8270C/D	Benzenethiol
GC-MS	EPA 8270C/D	Benzoic acid
GC-MS	EPA 8270C/D	Benzyl alcohol
GC-MS	EPA 8270C/D	Butyl benzyl phthalate
GC-MS	EPA 8270C/D	Carbazole
GC-MS	EPA 8270C/D	Chrysene
GC-MS	EPA 8270D	Camphor
GC-MS	EPA 8270D	Catechol
GC-MS	EPA 8270C/D	Di-n-butyl phthalate
GC-MS	EPA 8270C/D	Di-n-octyl phthalate
GC-MS	EPA 8270C/D	Dibenz(a h)anthracene
GC-MS	EPA 8270C/D	Dibenz(a j)acridine

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC-MS	EPA 8270C/D	Dibenzofuran
GC-MS	EPA 8270C/D	Diethyl phthalate
GC-MS	EPA 8270C/D	Dimethyl phthalate
GC-MS	EPA 8270C/D	Ethyl methanesulfonate
GC-MS	EPA 8270C/D	Famphur
GC-MS	EPA 8270C/D	Fluoranthene
GC-MS	EPA 8270C/D	Fluorene
GC-MS	EPA 8270D	Guaifenesin
GC-MS	EPA 8270C/D	Hexachlorobenzene
GC-MS	EPA 8270C/D	Hexachlorobutadiene
GC-MS	EPA 8270C/D	Hexachlorocyclopentadiene
GC-MS	EPA 8270C/D	Hexachloroethane
GC-MS	EPA 8270C/D	Hexachloropropene
GC-MS	EPA 8270D	Hexachlorophene
GC-MS	EPA 8270C/D	Indene
GC-MS	EPA 8270C/D	Indeno(1 2 3-cd)pyrene
GC-MS	EPA 8270C/D	Isophorone
GC-MS	EPA 8270C/D	Isosafrole
GC-MS	EPA 8270C/D	Methyl methanesulfonate
GC-MS	EPA 8270C/D	1-Methylnaphthalene
GC-MS	EPA 8270D	6-Methyl chrysene
GC-MS	EPA 8270D	Methyl salicylate
GC-MS	EPA 8270C/D	Naphthalene
GC-MS	EPA 8270C/D	Nitrobenzene
GC-MS	EPA 8270C/D	Nitroquinoline-1-oxide
GC-MS	EPA 8270C/D	Pentachlorobenzene
GC-MS	EPA 8270C/D	Pentachloronitrobenzene
GC-MS	EPA 8270C/D	Pentachlorophenol
GC-MS	EPA 8270C/D	Phenacetin
GC-MS	EPA 8270C/D	Phenanthrene
GC-MS	EPA 8270C/D	Phenol
GC-MS	EPA 8270C/D	1,4-Phenylenediamine

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC-MS	EPA 8270C/D	Pronamide (Kerb)
GC-MS	EPA 8270C/D	Pyrene
GC-MS	EPA 8270C/D	Pyridine
GC-MS	EPA 8270C/D	Quinoline
GC-MS	EPA 8270C/D	Safrole
GC-MS	EPA 8270D	Salicylic acid
GC-MS	EPA 8270D	Salicylamide
GC-MS	EPA 8270C/D	a-a-Dimethylphenethylamine
GC-MS	EPA 8270C/D	bis(2-Chloroethoxy)methane
GC-MS	EPA 8270C/D	bis(2-Chloroethyl) ether
GC-MS	EPA 8270C/D	bis(2-Chloroisopropyl) ether (2 2`-Oxybis(1-chloropropane))
GC-MS	EPA 8270C/D	bis(2-Ethylhexyl) phthalate (DEHP)
GC-MS	EPA 8270C/D	n-Nitroso-di-n-butylamine
GC-MS	EPA 8270C/D	n-Nitrosodi-n-propylamine
GC-MS	EPA 8270C/D	n-Nitrosodiethylamine
GC-MS	EPA 8270C/D	n-Nitrosodimethylamine
GC-MS	EPA 8270C/D	n-Nitrosodiphenylamine
GC-MS	EPA 8270C/D	n-Nitrosomethylethylamine
GC-MS	EPA 8270C/D	n-Nitrosomorpholine
GC-MS	EPA 8270C/D	n-Nitrosopiperidine
GC-MS	EPA 8270C/D	n-Nitrosopyrrolidine
GC-MS	EPA 8270C/D	o-Toluidine
GC-MS	EPA 8270C/D	Chlorobenzilate
GC-MS	EPA 8270C/D	Diallate
GC-MS	EPA 8270C/D	Dimethoate
GC-MS	EPA 8270C/D	Disulfoton
GC-MS	EPA 8270C/D	Isodrin
GC-MS	EPA 8270C/D	Kepone
GC-MS	EPA 8270C/D	Methyl parathion (Parathion methyl)
GC-MS	EPA 8270C/D	Phorate
GC-MS	EPA 8270C/D	Thionazin (Zinophos)

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC-MS	EPA 8270C/D	o o o-Triethyl phosphorothioate
GC-MS	EPA 8270C/D	Pentachloroethane
GC-MS	EPA 8270C/D	Alpha-terpineol
GC-MS	EPA 8270C/D	Dinoseb
GC-MS	EPA 8270C/D	Parathion
GC-MS	EPA 8270C/D	1,1'-Biphenyl
GC-MS	EPA 8270C/D	Diphenylamine
GC-MS	EPA 8270C/D	Benzaldehyde
GC-MS	EPA 8270C/D	n-Decane
GC-MS	EPA 8270C/D	n-Octadecane
GC-MS	EPA 8270C/D	Caprolactam
GC-MS	EPA 8270C/D	Atrazine
GC-MS	EPA 8270C/D	Hydroquinone
GC-MS-SIM	EPA 8270C/D	Benzo(a)anthracene
GC-MS-SIM	EPA 8270C/D	Benzo(a)pyrene
GC-MS-SIM	EPA 8270C/D	Benzo(b)fluoranthene
GC-MS-SIM	EPA 8270C/D	Benzo(k)fluoranthene
GC-MS-SIM	EPA 8270C/D	Dibenzo(a,h)anthracene
GC-MS-SIM	EPA 8270C/D	Hexachlorobenzene
GC-MS-SIM	EPA 8270C/D	Indeno(1,2,3-cd)pyrene
GC-MS-SIM	EPA 8270C/D	Pentachlorophenol
GC-MS-SIM	EPA 8270C/D	Acenaphthene
GC-MS-SIM	EPA 8270C/D	Acenaphthylene
GC-MS-SIM	EPA 8270C/D	Anthracene
GC-MS-SIM	EPA 8270C/D	Benzo(g,h,i)perylene
GC-MS-SIM	EPA 8270C/D	Chrysene
GC-MS-SIM	EPA 8270C/D	2-methylnaphthalene
GC-MS-SIM	EPA 8270C/D	Naphthalene
GC-MS-SIM	EPA 8270C/D	Fluoranthene
GC-MS-SIM	EPA 8270C/D	Fluorene
GC-MS-SIM	EPA 8270C/D	Phenanthrene
GC-MS-SIM	EPA 8270C/D	Pyrene

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC-MS-SIM	EPA 8270C/D	1,4-dioxane
GC-MS-SIM	EPA 8270C/D	2-methyl-4,6-dinitrophenol
GC-MS-SIM	EPA 8270C/D	Hexachlororbenzene
GC-MS-SIM	EPA 8270C/D	Hexachlorobutadiene
ICP-AES	EPA 6010B/C	Aluminum
ICP-AES	EPA 6010B/C	Antimony
ICP-AES	EPA 6010B/C	Arsenic
ICP-AES	EPA 6010B/C	Barium
ICP-AES	EPA 6010B/C	Beryllium
ICP-AES	EPA 6010B/C	Boron
ICP-AES	EPA 6010B/C	Cadmium
ICP-AES	EPA 6010B/C	Calcium
ICP-AES	EPA 6010B/C	Chromium
ICP-AES	EPA 6010B/C	Cobalt
ICP-AES	EPA 6010B/C	Copper
ICP-AES	EPA 6010B/C	Iron
ICP-AES	EPA 6010B/C	Lead
ICP-AES	EPA 6010B/C	Lithium
ICP-AES	EPA 6010B/C	Magnesium
ICP-AES	EPA 6010B/C	Manganese
ICP-AES	EPA 6010B/C	Molybdenum
ICP-AES	EPA 6010B/C	Nickel
ICP-AES	EPA 6010B/C	Potassium
ICP-AES	EPA 6010B/C	Selenium
ICP-AES	EPA 6010B/C	Silver
ICP	EPA 6010C	Silicon
ICP	EPA 6010C	Sulfur
ICP-AES	EPA 6010B/C	Sodium
ICP-AES	EPA 6010B/C	Strontium
ICP-AES	EPA 6010B/C	Thallium
ICP-AES	EPA 6010B/C	Tin
ICP-AES	EPA 6010B/C	Titanium

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
ICP-AES	EPA 6010C	Tungsten
ICP-AES	EPA 6010B/C	Vanadium
ICP-AES	EPA 6010B/C	Zinc
ICP-AES	EPA 6010B/C	Zirconium
CVAA	EPA 7471A	Mercury
CVAA	EPA 7470A	Mercury
Calculation	EPA 6010; EPA 7196A	Trivalent Chromium
UV-VIS	EPA 7196A	Hexavalent Chromium
IC	EPA 7199	Hexavalent Chromium
IC	EPA 9056/A	Bromide
IC	EPA 9056/A	Chloride
IC	EPA 9056/A	Fluoride
IC	EPA 9056/A	Sulfate
IC	EPA 314	Perchlorate
Muffle furnace at high temperatures	ASTM D482-91	Percent Ash
Combustion	ASTM D129-95	Percent Sulfur
Bomb Calorimeter	ASTM D240	Heat of combustion (BTU)
Electrometric titration	SM 2320 B-11	Alkalinity as CaCO3
Calculation	SM 4500-CO2 D-11	Alkalinity, bicarbonate
Calculation	SM 4500-CO2 D-11	Alkalinity, carbonate
Extraction	ASTM D473-81	Base sediment
Plating dilutions on Pseudomonas Agar	SGS SOP EMB009-04	General Petroleum Degraders (GPD)
Ignitability	EPA 1010A	Pensky-Martens Closed-Cup
Mix with Water or Calcium Chloride	EPA 9045C	Hydrogen Ion, pH
Extraction, microcoulometry	EPA 9023	Total Halides
Automated Colorimetry	EPA 7.3.3.2	Hydrogen Cyanide Released from Wastes: SW 846 Chapter 7
Automated Colorimetry	EPA 7.3.4.2	Hydrogen Sulfide Released from Wastes: SW 846 Chapter 7
Extraction / Gravimetry	EPA 1664A	Silica Gen Treated N-Hexane Extractable Material (Oil and Grease)
Gravimetry	EPA 9071B	Oil and Grease Extraction Method for sludge and sediment samples
Gravimetry	SM 2540B (Mod)	% Solids

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
Gravimetry	ASTM D2937-94	Bulk density(dry basis)
Distillation / Colorimetry	SM 4500-CN G-11 EPA 9012B (Mod)	Total and Amenable Cyanide
Combustion	Lloyd Kahn	Total Organic Carbon
Combustion / IR	EPA 9060A	Total Organic Carbon
Calculation	ASTM D2974-00	Total Organic Content
Extraction	ASTM D473-81	Base sediment
Quantitation	ASTM D422-63	%Gravel, %Sand, % Silt, Clay, Colloids
Spectrophotometry	SM 4500-NO2 B-11	Nitrogen, Nitrite
Calculation	SM 4500 A-11	Nitrogen, Total
Distillation Colorimetry	EPA 9065	Phenols
Titrimetry	EPA 9034	Acid-Soluble and Acid-Insoluble Sulfides
Electrode	EPA 9040C	pH
Heating	ASTM D97-87	Pour Point
Combustion	EPA 5050	Chlorine-total, solid waste
Oven	ASTM D2216-92	Moisture percent
Oven	ASTM D2216-92	Moisture (Dry weight basis)
Extraction	SM 5540 D-11	Nonionic Surfactants
Meter with a combined electrode	ASTM D1498-76	Oxidation-Reduction Potential
Calculation	SM 2510 A-11	Resistivity
Titration	SM 4500-S2 C,F-11 EPA 9034	Sulfide, Neutral Extraction
Titration	EPA 9034/SW846 Chapter7	Sulfide reactivity
Lead acetate paper	SM 4500-S2 A-11	Sulfide screen
Condensation	ASTM D95-83	Water Content
Preparation	**Method**	**Type**
Acid Digestion	EPA 3050B	Sediments, Sludges, and Soils
Closed-System Purge-and-Trap and Extraction	EPA 5035B	Volatile Organics in Soil and Waste Samples
Soxhlet Extraction	EPA 3540C	Semivolatile Extraction
Pressurized Fluid Extraction (PFE)	EPA 3545/A	Semivolatile Extraction
Ultrasonic Extraction	EPA 3550B/C	Semivolatile Extraction

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
Microwave extraction	EPA 3546	Semivolatile organics
Waste dilution	EPA 3580A	Organics
Alumina Cleanup	EPA 3610B	Semivolatile Extraction - Cleanup
Florisil Cleanup	EPA 3620B/C	Semivolatile Extraction - Cleanup
Silica gel cleanup	EPA 3630C	Semivolatile Extraction - Cleanup
Acid base partition cleanup	EPA 3650B	Semivolatile Extraction - Cleanup
Sulfur cleanup	EPA 3660B	Semivolatile Extraction - Cleanup
Sulfuric Acid / permanganate Cleanup	EPA 3665A	Semivolatile Extraction - Cleanup
Alkaline Digestion	EPA 3060A	Hexavalent Chromium
TCLP Extraction	EPA 1311	Toxicity Characteristic Leaching Procedure
SPLP	EPA 1312	Synthetic Precipitation Leaching Procedure
Distillation	SM 4500-CN I-11	Weak acid dissociable cyanide
Extraction / Combustion	EPA 9023	Extractable Organic Halides (EOX)

Air		
Technology	**Method**	**Analyte**
GC-MS	EPA TO-15	Acetaldehyde
GC-MS	EPA TO-15	Acetone
GC-MS	EPA TO-15	Acetophenone
GC-MS	EPA TO-15	Acrolein
GC-MS	EPA TO-15	Acrylamide
GC-MS	EPA TO-15	Acrylic acid
GC-MS	EPA TO-15	Allyl chloride
GC-MS	EPA TO-15	Benzene
GC-MS	EPA TO-15	Benzyl chloride
GC-MS	EPA TO-15	Propriolactone (beta-)
GC-MS	EPA TO-15	Bis (2-chloroethyl) ether
GC-MS	EPA TO-15	Bis (chloromethyl) ether
GC-MS	EPA TO-15	Bromodichloromethane

Air		
Technology	**Method**	**Analyte**
GC-MS	EPA TO-15	Bromoform
GC-MS	EPA TO-15	Bromomethane
GC-MS	EPA TO-15	Butadiene (1,3-)
GC-MS	EPA TO-15	Carbon disulfide
GC-MS	EPA TO-15	Carbon tetrachloride
GC-MS	EPA TO-15	Carbon oxysulfide (Carbonyl sulfide)
GC-MS	EPA TO-15	Catechol
GC-MS	EPA TO-15	Butadiene (2-chloro-1,3-)
GC-MS	EPA TO-15	Chloroacetic acid
GC-MS	EPA TO-15	Chlorobenzene
GC-MS	EPA TO-15	Chloroethane
GC-MS	EPA TO-15	Chloroform
GC-MS	EPA TO-15	Chloromethane
GC-MS	EPA TO-15	Chloromethyl methyl ether
GC-MS	EPA TO-15	Chlorotoluene (2-)
GC-MS	EPA TO-15	Cresols/Cresylic acid
GC-MS	EPA TO-15	Cyclohexane
GC-MS	EPA TO-15	Diazomethane
GC-MS	EPA TO-15	Dibromochloromethane
GC-MS	EPA TO-15	Dibromo-3-chloropropane (1,2-)
GC-MS	EPA TO-15	Dibromoethane (1,2-) (EDB)
GC-MS	EPA TO-15	Dichlorobenzene (1,2-)
GC-MS	EPA TO-15	Dichlorobenzene (1,3-)
GC-MS	EPA TO-15	Dichlorobenzene (1,4-)
GC-MS	EPA TO-15	Dichlorodifluoromethane
GC-MS	EPA TO-15	Dichloroethane (1,1-)
GC-MS	EPA TO-15	Dichloroethane (1,2-)
GC-MS	EPA TO-15	Dichloroethene (1,1-)
GC-MS	EPA TO-15	Dichloroethene (cis-1,2-)
GC-MS	EPA TO-15	Dichloroethene (trans-1,2-)
GC-MS	EPA TO-15	Dichlorofluoromethane
GC-MS	EPA TO-15	Dichloropropane (1,2-)

Air		
Technology	**Method**	**Analyte**
GC-MS	EPA TO-15	Dichloropropene (cis-1,3-)
GC-MS	EPA TO-15	Dichloropropene (trans-1,3-)
GC-MS	EPA TO-15	Dichlorotetrafluoroethane (1,2-)
GC-MS	EPA TO-15	Diethyl sulfate
GC-MS	EPA TO-15	Dimethyl sulfate
GC-MS	EPA TO-15	Dimethylcarbamoyl chloride
GC-MS	EPA TO-15	Dimethyl formamide (N,N-)
GC-MS	EPA TO-15	Dioxane (1,4-)
GC-MS	EPA TO-15	Epichlorohydrin
GC-MS	EPA TO-15	Epoxybutane (1,2-)
GC-MS	EPA TO-15	Ethanol
GC-MS	EPA TO-15	Ethyl acetate
GC-MS	EPA TO-15	Ethyl acrylate
GC-MS	EPA TO-15	Ethyl carbamate (Urethane)
GC-MS	EPA TO-15	Ethylbenzene
GC-MS	EPA TO-15	Ethylene Oxide
GC-MS	EPA TO-15	Ethyltoluene (4-)
GC-MS	EPA TO-15	Formaldehyde
GC-MS	EPA TO-15	Hexachlorobutadiene (1,3-)
GC-MS	EPA TO-15	Hexachloroethane
GC-MS	EPA TO-15	Hexanone (2-)
GC-MS	EPA TO-15	Heptane (n-)
GC-MS	EPA TO-15	Hexane (n-)
GC-MS	EPA TO-15	Isophorone
GC-MS	EPA TO-15	Isopropanol
GC-MS	EPA TO-15	Isopropylbenzene
GC-MS	EPA TO-15	Methyl alcohol (Methanol)
GC-MS	EPA TO-15	Methyl ethyl ketone
GC-MS	EPA TO-15	Methyl iodide
GC-MS	EPA TO-15	Methyl isobutyl ketone
GC-MS	EPA TO-15	Methyl isocyanate
GC-MS	EPA TO-15	Methyl methacrylate

Air		
Technology	**Method**	**Analyte**
GC-MS	EPA TO-15	Methyl tert-butyl ether
GC-MS	EPA TO-15	Methylene chloride (Dichloromethane)
GC-MS	EPA TO-15	Methylphenol (2-)
GC-MS	EPA TO-15	Naphthalene
GC-MS	EPA TO-15	Nitrobenzene
GC-MS	EPA TO-15	Nitropropane (2-)
GC-MS	EPA TO-15	N-Nitrosodimethylamine
GC-MS	EPA TO-15	N-Nitrosomorpholine
GC-MS	EPA TO-15	N-Nitroso-N-methylurea
GC-MS	EPA TO-15	Phenol
GC-MS	EPA TO-15	Phosgene
GC-MS	EPA TO-15	Propionaldehyde
GC-MS	EPA TO-15	Propylbenzene (-n)
GC-MS	EPA TO-15	Propylene
GC-MS	EPA TO-15	Propylene oxide
GC-MS	EPA TO-15	Propane sultone (1,3-)
GC-MS	EPA TO-15	Styrene
GC-MS	EPA TO-15	Styrene oxide
GC-MS	EPA TO-15	Trichlorobenzene (1,2,4-)
GC-MS	EPA TO-15	Trimethylbenzene (1,3,5-)
GC-MS	EPA TO-15	Trimethylbenzene (1,2,4-)
GC-MS	EPA TO-15	Trimethylpentane (2,2,4-)
GC-MS	EPA TO-15	Tert-butyl alcohol
GC-MS	EPA TO-15	Tetrachloroethane (1,1,2,2-)
GC-MS	EPA TO-15	Tetrachloroethene
GC-MS	EPA TO-15	Tetrahydrofuran
GC-MS	EPA TO-15	Toluene
GC-MS	EPA TO-15	Trichloroethane (1,1,1-)
GC-MS	EPA TO-15	Trichloroethane (1,1,2-)
GC-MS	EPA TO-15	Trichloroethene
GC-MS	EPA TO-15	Trichlorofluoromethane
GC-MS	EPA TO-15	Trichloro (1,1,2) trifluoroethane (1,2,2-)

Air		
Technology	**Method**	**Analyte**
GC-MS	EPA TO-15	Trifluoromethane
GC-MS	EPA TO-15	Vinyl acetate
GC-MS	EPA TO-15	Vinyl bromide
GC-MS	EPA TO-15	Vinyl chloride
GC-MS	EPA TO-15	Xylene (m-)
GC-MS	EPA TO-15	Xylene (o-)
GC-MS	EPA TO-15	Xylene (p-)
GC-MS	EPA TO-15	Xylenes (total)
GC-MS	EPA TO-15	Acrylonitrile
GC-MS	EPA TO-15	n-Butylbenzene
GC-MS	EPA TO-15	Sec-Butylbenzene
GC-MS	EPA TO-15	1-Chloropropane
GC-MS	EPA TO-15	Dichloropropane (1,3)
GC-MS	EPA TO-15	Isopropyltoluene
GC-MS	EPA TO-15	Tetrachloroethane (1,1,1,2)
GC-MS	EPA TO-15 SIM	Benzene
GC-MS	EPA TO-15 SIM	Bromodichloromethane
GC-MS	EPA TO-15 SIM	Chloroform
GC-MS	EPA TO-15 SIM	Carbon tetrachloride
GC-MS	EPA TO-15 SIM	1,1-Dichloroethylene
GC-MS	EPA TO-15 SIM	1,2-Dibromoethane
GC-MS	EPA TO-15 SIM	1,2-Dichloroethane
GC-MS	EPA TO-15 SIM	1,2-Dichloropropane
GC-MS	EPA TO-15 SIM	1,4-Dioxane
GC-MS	EPA TO-15 SIM	Dibromochloromethane
GC-MS	EPA TO-15 SIM	cis-1,3-Dichloropropene
GC-MS	EPA TO-15 SIM	p-Dichlorobenzene
GC-MS	EPA TO-15 SIM	trans-1,3-Dichloropropene
GC-MS	EPA TO-15 SIM	1,3-Dichloropropene (total)
GC-MS	EPA TO-15 SIM	1,1,1-Trichloroethane
GC-MS	EPA TO-15 SIM	1,1,2,2-Tetrachloroethane

Air		
Technology	**Method**	**Analyte**
GC-MS	EPA TO-15 SIM	1,1,2-Trichloroethane
GC-MS	EPA TO-15 SIM	Tetrachloroethylene
GC-MS	EPA TO-15 SIM	Trichloroethylene
GC-MS	EPA TO-15 SIM	Vinyl chloride
GC-PID-FID	EPA TO-3	n-Butane
GC-PID-FID	EPA TO-3	Ethane
GC-PID-FID	EPA TO-3	Methane
GC-PID-FID	EPA TO-3	n-Pentane
GC-PID-FID	EPA TO-3	Propane
GC-PID-FID	EPA TO-3	Benzene
GC-PID-FID	EPA TO-3	Ethylbenzene
GC-PID-FID	EPA TO-3	Methyl Tertiary Butyl Ether
GC-PID-FID	EPA TO-3	n-Hexane
GC-PID-FID	EPA TO-3	Toluene
GC-PID-FID	EPA TO-3	Xylene (m,p-)
GC-PID-FID	EPA TO-3	Xylene (o-)
GC-PID-FID	EPA TO-3	Xylenes (total)
GC-PID-FID	EPA TO-3	Tertiary Butyl Alcohol
GC-PID-FID	EPA TO-3	Isopropyl Benzene (Cumene)
GC-PID-FID	EPA TO-3	Total Petroleum Hydrocarbons (C1-C4) as Methane
GC-PID-FID	EPA TO-3	Total Petroleum Hydrocarbons (C1-C4) as Propane
GC-PID-FID	EPA TO-3	Total Petroleum Hydrocarbons (C5-C10) as Pentane
GC-PID-FID	EPA TO-3	Total Petroleum Hydrocarbons (C5-C10) as Hexane
GC-PID-FID	EPA TO-3	Total Petroleum Hydrocarbons as Equivalent Pentane
GC-PID-FID	EPA TO-3	Total Petroleum Hydrocarbons as Equivalent Methane
GC-PID-FID	EPA TO-3	Total Petroleum Hydrocarbons as Equivalent Hexane
GC-PID-FID	MAAPH	Air Petroleum Hydrocarbons Method
GC-PID-FID	MAAPH	Benzene

Air		
Technology	**Method**	**Analyte**
GC-PID-FID	MAAPH	1,3-Butadiene
GC-PID-FID	MAAPH	Ethylbenzene
GC-PID-FID	MAAPH	Methyl Tert Butyl Ether
GC-PID-FID	MAAPH	Naphthalene
GC-PID-FID	MAAPH	Toluene
GC-PID-FID	MAAPH	m,p-Xylene
GC-PID-FID	MAAPH	o-Xylene
GC-PID-FID	MAAPH	C5- C8 Aliphatics (Unadj.)
GC-PID-FID	MAAPH	C9- C12 Aliphatics (Unadj.)
GC-PID-FID	MAAPH	C9- C10 Aromatics (APH)

Potable Water		
Technology	**Method**	**Analyte**
ONPG-MUG (Colilert)	SM 9223 B-97	Total coliform/E.coli
Pour Plate	SM 9215 B-97	Heterotrophic bacteria
Nephelometry	EPA 180.1	Turbidity
Automated Cd Reduction	EPA 353.2	Nitrate
Spectrophotometry	SM 4500-NO2 B-11	Nitrite
Spectrophotometry, Distill, Semi Automated	EPA 335.4	Cyanide
Gravimetry	SM 2540 C-11	Total dissolved solids (TDS)
Titrimetry, EDTA	SM 2340 C-11	Total Hardness
Titrimetry, DPD	SM 4500-Cl F	Chlorine-residual
Electrometric Titrimetry	SM 2320 B-11	Alkalinity
Automated Phenate	SM 4500-NH3 G-11	Ammonia
Filtration and combustion	SM 5310B	Dissolved organic carbon (DOC)
Platinum-Cobalt	SM 2120 B-11	Color
Methylene Blue	SM 5540 C-11	Foaming agents
Conductance	SM 2510 B-11	Conductivity
Molybdosilicate	SM 4500-Si D-11	Silica
Consistent Series	SM 2150B	Odor

Potable Water		
Technology	**Method**	**Analyte**
Colorimetry	SM 4500-P E-11	Orthophosphate
Thermometric	SM 2550B	Temperature
Combustion/IR	SM 5310 B-11	Total organic carbon (TOC)
Pyrolysis, Titrimetry	SM 5320 B-11	Total organic halides (TOX)
Ion Chromatography	EPA 300.0	Chloride
Ion Chromatography	EPA 218.7	Chromium VI
Ion Chromatography	EPA 300.0	Fluoride
Ion Chromatography	EPA 300.0	Sulfate
Ion Chromatography	EPA 314.0	Perchlorate
Electrometric	SM 4500-H B-11	pH
Distillation, LACHAT	EPA 420.4	Phenols
ICP	EPA 200.7	Aluminum
ICP	EPA 200.7	Barium
ICP	EPA 200.7	Beryllium
ICP	EPA 200.7	Boron
ICP	EPA 200.7	Cadmium
ICP	EPA 200.7	Calcium
ICP	EPA 200.7	Chromium
ICP	EPA 200.7	Cobalt
ICP	EPA 200.7	Copper
ICP	EPA 200.7	Iron
ICP	EPA 200.7	Magnesium
ICP	EPA 200.7	Manganese
ICP	EPA 200.7	Molybdenum
ICP	EPA 200.7	Nickel
ICP	EPA 200.7	Potassium
ICP	EPA 200.7	Silica
ICP	EPA 200.7	Silicon
ICP	EPA 200.7	Silver
ICP	EPA 200.7	Sodium
ICP	EPA 200.7	Strontium
ICP	EPA 200.7	Tin

Potable Water		
Technology	**Method**	**Analyte**
ICP	EPA 200.7	Titanium
ICP-Calculation	EPA 200.7	Total Hardness
ICP	EPA 200.7	Vanadium
ICP	EPA 200.7	Zinc
Manual Cold Vapor AA	EPA 245.1	Mercury
ICP-MS	EPA 200.8	Aluminum
ICP-MS	EPA 200.8	Antimony
ICP-MS	EPA 200.8	Arsenic
ICP-MS	EPA 200.8	Barium
ICP-MS	EPA 200.8	Beryllium
ICP-MS	EPA 200.8	Boron
ICP-MS	EPA 200.8	Cadmium
ICP-MS	EPA 200.8	Chromium
ICP-MS	EPA 200.8	Cobalt
ICP-MS	EPA 200.8	Copper
ICP-MS	EPA 200.8	Lead
ICP-MS	EPA 200.8	Manganese
ICP-MS	EPA 200.8	Molybdenum
ICP-MS	EPA 200.8	Nickel
ICP-MS	EPA 200.8	Potassium
ICP-MS	EPA 200.8	Selenium
ICP-MS	EPA 200.8	Silver
ICP-MS	EPA 200.8	Thallium
ICP-MS	EPA 200.8	Titanium
ICP-MS	EPA 200.8	Vanadium
ICP-MS	EPA 200.8	Zinc
GC-ECD	EPA 504.1	1,2-Dibromoethane (EDB)
GC-ECD	EPA 504.1	1,2-Dibromo-3-chloropropane (EDCP)
GC-ECD	EPA 504.1	1,2,3-Trichloropropane
GC-MS	EPA 524.2	Bromoform
GC-MS	EPA 524.2	Chloroform
GC-MS	EPA 524.2	Dibromochloromethane

Potable Water		
Technology	**Method**	**Analyte**
GC-MS	EPA 524.2	Bromodichloromethane
GC-MS	EPA 524.2	Benzene
GC-MS	EPA 524.2	Carbon tetrachloride
GC-MS	EPA 524.2	Chlorobenzene
GC-MS	EPA 524.2	1,2-Dichlorobenzene
GC-MS	EPA 524.2	1,3-Dichlorobenzene
GC-MS	EPA 524.2	1,4-Dichlorobenzene
GC-MS	EPA 524.2	1,1-Dichloroethane
GC-MS	EPA 524.2	1,2-Dichloroethane
GC-MS	EPA 524.2	cis-1,2-Dichloroethene
GC-MS	EPA 524.2	trans-1,2-Dichloroethene
GC-MS	EPA 524.2	Methylene chloride
GC-MS	EPA 524.2	1,2-Dichloropropane
GC-MS	EPA 524.2	Ethylbenzene
GC-MS	EPA 524.2	Methyl tert-butyl ether
GC-MS	EPA 524.2	Naphthalene
GC-MS	EPA 524.2	Styrene
GC-MS	EPA 524.2	1,1,2,2-Tetrachloroethene
GC-MS	EPA 524.2	Tetrachloroethene
GC-MS	EPA 524.2	1,1,1-Trichloroethane
GC-MS	EPA 524.2	Trichloroethene
GC-MS	EPA 524.2	Toluene
GC-MS	EPA 524.2	1,2,4-Trichlorobenzene
GC-MS	EPA 524.2	1,1-Dichloroethene
GC-MS	EPA 524.2	1,1,2-Trichloroethane
GC-MS	EPA 524.2	Vinyl chloride
GC-MS	EPA 524.2	Xylenes (total)
GC-MS	EPA 524.2	Bromobenzene
GC-MS	EPA 524.2	Bromochloromethane
GC-MS	EPA 524.2	Bromomethane
GC-MS	EPA 524.2	n-Butyl benzene
GC-MS	EPA 524.2	Sec-butylbenzene