FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS03D	TIME: 855	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ✓ WIND DIRECTION N AMBIENT TEMP 65

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS 04D	TIME: 845	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION N AMBIENT TEMP 65

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS06D	TIME: 840	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION N AMBIENT TEMP 65

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AM OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS07D	TIME: 915	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION N AMBIENT TEMP 65

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: RH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS09D	TIME: 910	DATE: 5.1.18
QC SAMPLE: YES (✓) NO ( )	MATRIX: SO	
QC SAMPLE ID: " " - MS/MSD	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: MS/MSD	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar 3	X	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ✓ WIND DIRECTION N AMBIENT TEMP 65

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS10D	TIME: 900 / DATE: 5.1.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil
	SAMPLING EQUIPMENT: None or Spade

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ✓ WIND DIRECTION N AMBIENT TEMP 65

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS 11D	TIME: 905	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ✓ WIND DIRECTION N AMBIENT TEMP 65

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS 02 E	TIME: 935	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION N AMBIENT TEMP 65

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS 036	TIME: 940	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION N AMBIENT TEMP 65

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS04E	TIME: 945	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION N AMBIENT TEMP 65

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS 056	TIME: 950	DATE: 5.1.18
QC SAMPLE: YES (X) NO ( )	MATRIX: SO	
QC SAMPLE ID: CHAAP-19C-SS 1056	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: FD e1206	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	2 ~~1~~	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-	7196	CrVI	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.6
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION N AMBIENT TEMP 65

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: JH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS 066	TIME: 950	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ✓ WIND DIRECTION ____ AMBIENT TEMP 65

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS076	TIME: 955	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-	7196	CrVI	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION ____ AMBIENT TEMP 65

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AK OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS08E	TIME: 1000 DATE: 5.1.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil SAMPLING EQUIPMENT: None or Spade

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: ~~0.0~~ 0.1
		Other: — AN

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ✓ WIND DIRECTION ____ AMBIENT TEMP 65

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AN OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS016	TIME: 1005	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: ~~0.0~~ 0.1
		Other: — AH

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION N AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS 10 E	TIME: 930	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ✓ WIND DIRECTION ✓ AMBIENT TEMP 65

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS 116	TIME: 925	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION N AMBIENT TEMP 65

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS02F	TIME: 1035	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Tan soil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION — AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: BH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS03F	TIME: 1030	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION — AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS 04F	TIME: 1020	DATE: 4.5.18
QC SAMPLE: YES (✓) NO ( )	MATRIX: SO	
QC SAMPLE ID: CHAAP-19C-SS-104F	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: FD 01200	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar 2	X	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.1
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION N AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS 05 f	TIME: 1025	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (x)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION N AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS06F	TIME: 1045	DATE: 5.1.18
QC SAMPLE: YES (✓) NO ( )	MATRIX: SO	
QC SAMPLE ID: " -MS/MSD	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: MS/MSD	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	3 ~~1~~	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-	7196	CrVI	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION ✓ AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS 07F	TIME: 1040	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AA OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS 08F	TIME: 1125	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION N AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS 09F	TIME: 1130	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION N AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS 10F	TIME: 1010 DATE: 5.1.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil SAMPLING EQUIPMENT: None or Spade

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: ~~0.0~~ 0.1 AH
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION N AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AN OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS115	TIME: 1015	DATE: 5-1-18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: ~~0.0~~ 0.1 AH
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION ~ AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DA OBSERVER: BA

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS016	TIME: 1230	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: –
		PID: 0.0
		Other: –

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ✓ WIND DIRECTION N AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS 026	TIME: 1235	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION N AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS036	TIME: 1250	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION N AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS 0A6	TIME: 1755	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.6
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION N AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS 056	TIME: 1325 DATE: 5.1.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil SAMPLING EQUIPMENT: None or Spade

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-	7196	C.VI	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS06 6	TIME: 1350	DATE: 5.1.18
QC SAMPLE: YES (X) NO ( )	MATRIX: SO	
QC SAMPLE ID: CHAAP-19C-SS106 6	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: FD @1200	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	2 ~~1~~	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS076	TIME: 1355.	DATE: 5.1.18
QC SAMPLE: YES (X) NO ( )	MATRIX: SO	
QC SAMPLE ID: CHAAP-EB-050118	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: EB @ 1500	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			
2x1 L Amber	1	–			For EB
2x1 L Amber	1	–			
250 m Poly	1	H_2NO_4			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR (X) OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 80

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AN OBSERVER: BN

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS086	TIME: 1135	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-	7196	C.VI	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ✓ WIND DIRECTION ~ AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AU OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS096	TIME: 1140	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION ~ AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS 10 6	TIME: ~~1140~~ 1145	DATE: 5.1.18
QC SAMPLE: YES (✓) NO ( )	MATRIX: SO	
QC SAMPLE ID: CHAAP-19C-SS1106	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: FD 01200	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	2 ~~1~~	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ✓ WIND DIRECTION N AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS 116	TIME: 1150	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION N AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS03H	TIME: 1305 DATE: 5.1.18
QC SAMPLE: YES (✓) NO ( )	MATRIX: SO
QC SAMPLE ID: " " MS/MSD	FIELD FILTERED: YES ( ) NO (X)
TYPE OF QC SAMPLE: MS/MSD	BEGINNING DEPTH: 0.0'
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil SAMPLING EQUIPMENT: None or Spade

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar 3	X	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS04H	TIME: 1310	DATE: 5.1.18
QC SAMPLE: YES (X) ~~NO ( )~~	MATRIX: SO	
QC SAMPLE ID: CHAAP-19C-SS104H	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: FD @ 1200	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	2 ~~1~~	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: –
		PID: 0.0
		Other: –

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: BH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS 05H	TIME: 1330	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS 06H	TIME: 1335	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS 07H	TIME: 1340	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS 08H	TIME: 1203 DATE: 5.1.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil SAMPLING EQUIPMENT: None or Spade

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION N AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS09H	TIME: 1200	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ✓ WIND DIRECTION N AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS10H	TIME: 1150	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ✓ WIND DIRECTION N AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AK OBSERVER: BA

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS 11 H	TIME: 1155	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION N AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS 03 I	TIME: 1315	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.6
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS 04I	TIME: 1320	DATE: 5.1.16
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS05 I	TIME: 1345	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: [illegible] OBSERVER: [illegible]

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS 06 I	TIME: 1240 DATE: 5.1.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil SAMPLING EQUIPMENT: None or Spade

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION N AMBIENT TEMP 78

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS 071	TIME: 1245	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION N AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS08I	TIME: 1212	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.6
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ✓ WIND DIRECTION N AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS 09 I	TIME: 1215	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN K WIND DIRECTION N AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS 101	TIME: 1210	DATE: 5/1/18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION W AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.07

SAMPLE INFORMATION

SAMPLE ID: CHAAP-19C-SS 11I	TIME: 1206	DATE: 5.1.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: Grab – Surface Soil	
	SAMPLING EQUIPMENT: None or Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8 oz Jar	1	-	8330B	Explosives	
		-	6010	Metals	
		-	8270C-SIM	PAHs	
		-			

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION N AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

Tract 19C – Subsurface Soil Field Sampling Records

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FIELD SAMPLING REPORT

RDX/Mn

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.02

SAMPLE INFORMATION

SAMPLE ID: 19C-SB06B	TIME: 1300 DATE: 6.12.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)
TYPE OF QC SAMPLE: —	Sample Depth - ~~9.5~~ 9.0
GRAB (X) COMPOSITE ( )	Total DEPTH: 12'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS
	SAMPLING EQUIPMENT: HA or DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS
8oz Glass	1	-	8330B 6010	RDX Manganese

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS

See HTRW Log		WL - 9.5'
40'S & 40'E	of 06B point	

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION W AMBIENT TEMP 80

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: A. Hedgepeth OBSERVER: —

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

Mn

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.02

SAMPLE INFORMATION

SAMPLE ID: 19C-SB09B	TIME: 1145	DATE: 6.12.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	Sample Depth - 10.5	
GRAB (X) COMPOSITE ( )	Total DEPTH: 12'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS
8oz Glass	1	-	8330B	
			6010	Manganese

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS

See HSRW log		wk - 11.5'
40'S & 55'E of 09B Stake		

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ___ WIND DIRECTION S AMBIENT TEMP 80

SHIPMENT VIA: FedEx X HAND DELIVER ___ COURIER ___ UPS ___

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ___ COC NUMBER: ___

COMMENTS: ___

SAMPLER: A. Hedgpeth OBSERVER: —

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

Co, Mn

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.02

SAMPLE INFORMATION

SAMPLE ID: 19C-SB03C	TIME: 1040 DATE: 6.13.18
QC SAMPLE: YES (✓) NO ( )	MATRIX: SO
QC SAMPLE ID: CHAAP-19C-SB103C-~~05AA~~ @1200	FIELD FILTERED: YES ( ) NO (X)
TYPE OF QC SAMPLE: FD / EB	Sample Depth - 11
GRAB (X) COMPOSITE ( ) CHAAP-EB-061318-DPT @1100	Total DEPTH: 14
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS
	SAMPLING EQUIPMENT: HA or DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS
8oz Glass 2	~~1~~	-	8330B 6010	Cobalt, Manganese

Collect 1 250 mL Poly off decanned cutting shoe.

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS

See HSRW Form	—	WL - 12.1
52'S + 30'E	of 03C Stake	

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: A. Hodgepak OBSERVER: —

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

RDX

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.02

SAMPLE INFORMATION

SAMPLE ID: 19C-SB05C	TIME: 1335	DATE: 6.12.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	Sample Depth - 7	
GRAB (X) COMPOSITE ( )	Total DEPTH: 12	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	
8oz Glass	1	-	8330B	RDX	
			6010		

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS

See HSRW Log		wt - 8.0
51'S + 60'E from GSC Stake		

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION W AMBIENT TEMP 80

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: A. Hodgerson OBSERVER: —

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

RDX/Mn

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.02

SAMPLE INFORMATION

SAMPLE ID: 19C-SB06C	TIME: 1345 DATE: 6.12.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)
TYPE OF QC SAMPLE: —	Sample Depth - 9.5
GRAB (X) COMPOSITE ( )	Total DEPTH: 121
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS SAMPLING EQUIPMENT: HA or DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS
8oz Glass	1	-	8330B 6010	RDX Manganese

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS

See HSRL Log		WL- 11.2
50'S X 40'E from 06C Stake		

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION W AMBIENT TEMP 80

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: D. Hedgepeth OBSERVER: —

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

Fe

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.02

SAMPLE INFORMATION

SAMPLE ID: 19C-SB07C	TIME: 1405	DATE: 6.12.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	Sample Depth - 12	
GRAB (X) COMPOSITE ( )	Total DEPTH: 14	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	
8oz Glass	1	-	8330B 6010	Iron	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS

See HSR Log		WL - 12.5
49' S & 52' E	of stake 07C	

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 80

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: A. Hedgepeth OBSERVER: —

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

As, Co, Fe, Mn

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.02

SAMPLE INFORMATION

SAMPLE ID: 19C-SB02D	TIME: 1015	DATE: 6.13.18
QC SAMPLE: YES (✓) NO ( )	MATRIX: SO	
QC SAMPLE ID: MS/MSD + CHAAP-19C-SB02D @1200	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: MS/MSD + FD	Sample Depth - 131	
GRAB (X) COMPOSITE ( )	Total DEPTH: 14.5	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS
8oz Glass 4	1	-	8330B 6010	Arsenic, Cobalt, Iron, Manganese

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS

See HSRW Log		~L~ 14.5
51'S + 52'E	of 02D Stake	

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ✗ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: A. Hedgepeth OBSERVER: —

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

~~SPLP~~ Fe, Mn

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.02

SAMPLE INFORMATION

SAMPLE ID: 19C-SB04D	TIME: 900	DATE: 6.13.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	Sample Depth - 9'	
GRAB (X) COMPOSITE ( )	Total DEPTH: 12	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	
8oz Glass	1	-	8330B		
			6010	Iron / manganese	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS

See HTRW Form		WL – 10.2
49' S + 51' E	of 04D Stake	

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: D Hedgspeth OBSERVER: —

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

RA Mn

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.02

SAMPLE INFORMATION

SAMPLE ID: 19C-SB06D	TIME: 1430	DATE: 6.12.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	Sample Depth - 9'	
GRAB (X) COMPOSITE ( )	Total DEPTH: 12.	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS
8oz Glass	1	-	8330B	Manganese
			6010	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS

See HSRW log		WL-10.5
50' S + 55' E of 06D stake		

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR (✓) OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 80

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: D. Hedgepeth OBSERVER: —

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

RDX

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.02

SAMPLE INFORMATION

SAMPLE ID: 19C-SB07D	TIME: 1420	DATE: 6.12.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	Sample Depth - 9'	
GRAB (X) COMPOSITE ( )	Total DEPTH: 12	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	
8oz Glass	1	-	8330B	RDX	
			6010		

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS

See 45Rw Log		WL- 10.0
51'S + 50'E	of Stake 07D	

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION ✓ AMBIENT TEMP 80

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: D. Hodgepeth OBSERVER: —

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

As

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.02

SAMPLE INFORMATION

SAMPLE ID: 19C-SB 10 D	TIME: 1105 DATE: 6.12.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)
TYPE OF QC SAMPLE: —	Sample Depth - 10.5
GRAB (X) COMPOSITE ( )	Total DEPTH: 12'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS SAMPLING EQUIPMENT: HA or DPD

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	
8oz Glass	1	-	8330B 6010	ARSenic	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS

On HTRW Log		WL - 11.75
48'S + 52'E	of 10D Stake	

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: A. Hedgepeth OBSERVER: —

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

Fe

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.02

SAMPLE INFORMATION

SAMPLE ID: 19C-SB11 D	TIME: 1125	DATE: 6.12.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	Sample Depth - 10.5	
GRAB (X) COMPOSITE ( )	Total DEPTH: 12	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS
8oz Glass	1	-	8330B 6010	Iron

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS

See HSRW Log		WL-11.8
48'S + 52' E of 11D stake		

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 80

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: A. Hedgspeth OBSERVER: —

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

SPLP

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.02

SAMPLE INFORMATION

SAMPLE ID: 19C-SB03E	TIME: 945 DATE: 6.13.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)
TYPE OF QC SAMPLE: —	Sample Depth - 111
GRAB (X) COMPOSITE ( )	Total DEPTH: 14
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or (SS)
	SAMPLING EQUIPMENT: HA or (DPT)

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS
8oz Glass	1	-	8330B 6010	RDX / Manganese

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS

See HSA Log		wl -12.0
50'S +52' E of 03E Stake		

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: K. Hedgepeth OBSERVER: —

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

SPLP RDX

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.02

SAMPLE INFORMATION

SAMPLE ID: 19C-SB04E	TIME: 915	DATE: 6.13.18
QC SAMPLE: YES (✓) NO ( )	MATRIX: SO	
QC SAMPLE ID: CHAAP-19C-SB104E	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: FD @1200	Sample Depth - 12	
GRAB (X) COMPOSITE ( )	Total DEPTH: 14	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS
8oz Glass 2	1	-	8330B 6010	RDX

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS

See HSRW Log		WL - 12.9
50'S + 51' E of 04E Slope		

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: N. Hedgepeth OBSERVER: —

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.02

SAMPLE INFORMATION

SAMPLE ID: 19C-SB05E	TIME: 840	DATE: 6.13.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	Sample Depth - 9.5	
GRAB (X) COMPOSITE ( )	Total DEPTH: 12	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS
8oz Glass	1	-	8330B 6010	Manganese

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS

See HSRW Log		WL-11.1
50'S & 60'E of 05E Stake		

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: D. Hadgraft OBSERVER: —

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

Fe/Mn

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.02

SAMPLE INFORMATION

SAMPLE ID: 19C-SB08E	TIME: 1450 DATE: 6.12.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO
QC SAMPLE ID: CHAAP-EB-061218	FIELD FILTERED: YES ( ) NO (X)
TYPE OF QC SAMPLE: EB 1530	Sample Depth - 10.5
GRAB (X) COMPOSITE ( )	Total DEPTH: 12
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS SAMPLING EQUIPMENT: HA or DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS
8oz Glass	1	-	8330B 6010	Iron/manganese
1 250 mL Poly was collected off decorned cutting stone to be analyzed for				

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS

See HSRW log		WL - 11.1
51' S + 48' E of 08E Stake		

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION W AMBIENT TEMP 80

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: D. Hedgepeth OBSERVER: —

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.02

SAMPLE INFORMATION

SAMPLE ID: 19C-SB05F	TIME: ~~820~~ AM 825 DATE: 6.13.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)
TYPE OF QC SAMPLE: —	Sample Depth - 111
GRAB (X) COMPOSITE ( )	Total DEPTH: 14
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or (SS)
	SAMPLING EQUIPMENT: HA or (DPT)

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS
8oz Glass	1	-	8330B 6010	Manganese

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS

See HSRW Log		WL-12.1
52' S & 50' E of Stake 05F		

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: A. Hedgepeth OBSERVER: —

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

Co

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.02

SAMPLE INFORMATION

SAMPLE ID: 19C-SB 10F	TIME: 1055	DATE: 6.12.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	Sample Depth - 10'	
GRAB (X) COMPOSITE ( )	Total DEPTH: 12'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS
8oz Glass	1	-	8330B	
			6010	Cobalt

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS

See HSRW Log		WL- 11.0'
50' S + 58' E of	10F Stake	

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: A. Hedgepeth OBSERVER: —

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.02

SAMPLE INFORMATION

SAMPLE ID: 19C-SB036	TIME: 800	DATE: 6.13.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	Sample Depth - 10.5	
GRAB (X) COMPOSITE ( )	Total DEPTH: 12	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS
8oz Glass	1	-	8330B	Iron
			6010	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS

See HSRW Log		wL -11.7
51' S & 60' E of OJ 6 Stake		

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: D. Hedegaard OBSERVER: —

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.02

SAMPLE INFORMATION

SAMPLE ID: 19C-SB05G	TIME: 810 DATE: 6.13.11
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)
TYPE OF QC SAMPLE: —	Sample Depth - 10'
GRAB (X) COMPOSITE ( )	Total DEPTH: 12
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS
	SAMPLING EQUIPMENT: HA or DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS
8oz Glass	1	-	8330B 6010	RDX

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS

See HSRL Log		WL - 11.4
51' S & 50' E of Stake 05G		

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: A. Redgepath OBSERVER: —

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

6

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.02

SAMPLE INFORMATION

SAMPLE ID: 19C-SB10 6	TIME: 1035 DATE: 6.12.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)
TYPE OF QC SAMPLE: —	Sample Depth - 10.75
GRAB (X) COMPOSITE ( )	Total DEPTH: 12'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS
	SAMPLING EQUIPMENT: HA or DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS
8oz Glass	1	-	8330B	~~Iron~~ Cobalt
			6010	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS

See HSRW Form		WL - 11.75
52'S + 58'E	of Stake 106	

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: R. Hedgspeth OBSERVER: —

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

Mn

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.02

SAMPLE INFORMATION

SAMPLE ID: 19C-SB 116	TIME: 1005	DATE: 6.12.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	Sample Depth - 11	
GRAB (X) COMPOSITE ( )	Total DEPTH: 12	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	
8oz Glass	1	-	8330B		
			6010	Manganese	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS

See HSA log		WL - 11.75
52'S + 54'E of 11 G Stake		

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: A. Hedgepeth OBSERVER: —

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

SPLP $C_6H_5NO_2$, Mn

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.02

SAMPLE INFORMATION

SAMPLE ID: 19C-SB04H	TIME: 750 DATE: 6.13.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)
TYPE OF QC SAMPLE: —	Sample Depth - 10.5
GRAB (X) COMPOSITE ( )	Total DEPTH: 12'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS SAMPLING EQUIPMENT: HA or DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	
8oz Glass	1	-	8330B 6010	Nitrobenzene / Manganese	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS

See HSRW Log		WL - 11.6
46' St 47' E	of 04H Shake	

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: W. Hodgepk OBSERVER: —

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

RDX

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.02

SAMPLE INFORMATION

SAMPLE ID: 19C-SB11H	TIME: 945	DATE: 6.12.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	Sample Depth - 10'	
GRAB (X) COMPOSITE ( )	Total DEPTH: 12'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	
8oz Glass	1	-	8330B	RDX	
			6010		

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS

See HTRW Form		WL- 11.5
46' S + 54' E of 11H Stake		

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: A. Hedgepeth OBSERVER: —

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

SPLF $C_6H_5NO_2$

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.02

SAMPLE INFORMATION

SAMPLE ID: 19C-SB 04 I	TIME: 725 DATE: 6.13.18
QC SAMPLE: YES (X) NO ( )	MATRIX: SO
QC SAMPLE ID: MS/MSD	FIELD FILTERED: YES ( ) NO (X)
TYPE OF QC SAMPLE: MS/MSD	Sample Depth - 9.5
GRAB (X) COMPOSITE ( )	Total DEPTH: 12
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS SAMPLING EQUIPMENT: HA or DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS
8oz Glass 3	X	-	8330B 6010	Nitro benzene

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS

See ATRW Log		WL - 11.2
48' S & 47' E	of 04 I Stake	

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: A. Hedgepeth OBSERVER: —

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

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Tract 19C – Direct Push Technology Groundwater Field Sampling Records

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FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.03

SAMPLE INFORMATION

SAMPLE ID: 19C-UGIA-DPT01	TIME: 1145 DATE: 5.6.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: WG
QC SAMPLE ID: —	FIELD FILTERED: YES (X) NO ( )
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 16'
GRAB (X) COMPOSITE ( )	END DEPTH: 20'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HP SAMPLING EQUIPMENT: DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES	Cooler
3x40mL VOA	1	HCl	8260B	VOCs	14 days	1
1 L Amber	2		8330B	Explosives	7 days	6
250 mL HDPE ~~2~~ 1		HNO3	6010	Metals	180 days	1
1 L Amber	2		8270C-SIM	PAHs	7 days	6

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS				MISCELLANEOUS	
pH:	6.95	Turbidity (NTU):	104	Color:	Cloudy
Temp. (C°):	18.08	Specific Cond. (μS/cm):	3.407	Odor:	—
DO (mg/L):	6.56			PID:	—
ORP (mV):	-95.6	mL - 25'		Other:	—

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION N AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AA OBSERVER: BA

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.03

SAMPLE INFORMATION

SAMPLE ID: 19C-UGIA-DPT02 (-FF)	TIME: 945	DATE: 5.2.18
QC SAMPLE: YES (✓) ~~NO (✓)~~ AH	MATRIX: WG	
QC SAMPLE ID: CHAAP_TB-050218-DPT	FIELD FILTERED: YES (X) NO ( )	
TYPE OF QC SAMPLE: TB @900	BEGINNING DEPTH: 16'	
GRAB (X) COMPOSITE ( )	END DEPTH: 20'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HP SAMPLING EQUIPMENT: DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES	Cooler
3x40mL VOA 2	X	HCl	8260B	VOCs	14 days	1
1 L Amber	2	—	8330B	Explosives	7 days	2
250 mL HDPE 2	X	HNO3	6010	Metals + FF	180 days	1
1 L Amber	2	—	8270C-SIM	PAHs	7 days	2

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
pH: 6.77	Turbidity (NTU): 1001	Color: Gray
Temp. (C°): 12.52	Specific Cond. (µS/cm): 2.936	Odor: —
DO (mg/L): 3.15		PID: —
ORP (mV): -25.8	WL - 7.9 bgs	Other: —

Comments: 5' N of G0008

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ✓ WIND DIRECTION N AMBIENT TEMP 65

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.03

SAMPLE INFORMATION

SAMPLE ID: 19C-LGIA-DPT03	TIME: 1320 DATE: 5·6·18
QC SAMPLE: YES (✓) NO ( )	MATRIX: WG
QC SAMPLE ID: CHAAP-EB-050618	FIELD FILTERED: YES (✓) NO ( )
TYPE OF QC SAMPLE: EB -DPT @1415	BEGINNING DEPTH: 28'
GRAB (X) COMPOSITE ( )	END DEPTH: 32'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HP SAMPLING EQUIPMENT: DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES	Cooler
3x40mL VOA 2	~~1~~	HCl	8260B	VOCs	14 days	1
1 L Amber 4	~~2~~		8330B	Explosives	7 days	6
250 mL HDPE 3	~~1~~	HNO3	6010	Metals	180 days	1
1 L Amber 4	~~2~~		8270C-SIM	PAHs	7 days	6
					EB·PAH/Exp in Cooler	7

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS				MISCELLANEOUS
pH:	6.84	Turbidity (NTU):	70	Color: Gray
Temp. (C°):	18.19	Specific Cond. (µS/cm):	3.795	Odor: —
DO (mg/L):	6.75			PID: —
ORP (mV):	-100.8	wt - 8.1		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION N AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DA OBSERVER: BA

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.03

SAMPLE INFORMATION

SAMPLE ID: 19C-LGIA-DPT04	TIME: 1450 DATE: 5-5-18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: WG
QC SAMPLE ID: —	FIELD FILTERED: YES (✓) NO ( )
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 28
GRAB (X) COMPOSITE ( )	END DEPTH: 32
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HP SAMPLING EQUIPMENT: DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
3x40mL VOA	1	HCl	8260B	VOCs	14 days
1 L Amber	2		8330B	Explosives	7 days
250 mL HDPE	1	HNO3	6010	Metals	180 days
1 L Amber	2		8270C-SIM	PAHs	7 days

Cooler i 4 i 4

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
pH: 6.61	Turbidity (NTU): 63.1	Color: light gray
Temp. (C°): 22.53	Specific Cond. (µS/cm): 3.844	Odor: —
DO (mg/L): 2.02		PID: —
ORP (mV): -97.4		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 80

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AA OBSERVER: BA

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.03

SAMPLE INFORMATION

SAMPLE ID: 19C-LGIA-DPT05	TIME: 1335 DATE: 5.5.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: WG
QC SAMPLE ID: —	FIELD FILTERED: YES (X) NO ( )
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 28
GRAB (X) COMPOSITE ( )	END DEPTH: 32
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HP SAMPLING EQUIPMENT: DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES	Cooler
3x40mL VOA	1	HCl	8260B	VOCs	14 days	1
1 L Amber	2		8330B	Explosives	7 days	4
250 mL HDPE	1	HNO3	6010	Metals	180 days	1
1 L Amber	2		8270C-SIM	PAHs	7 days	4

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
pH: 7.05	Turbidity (NTU): 60	Color: light gray
Temp. (C°): 17.17	Specific Cond. (µS/cm): 3.719	Odor: —
DO (mg/L): 4.75		PID: —
ORP (mV): -112.5	WL - 6.3'	Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 80

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AA OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.03

SAMPLE INFORMATION

SAMPLE ID: 19C-LGIA-DPT06	TIME: 1430	DATE: 5.4.18
QC SAMPLE: YES (X) NO ( )	MATRIX: WG	
QC SAMPLE ID: " " -MS/MSD	FIELD FILTERED: YES ( ) NO ( )	
TYPE OF QC SAMPLE: MS/MSD/EB	EB · CHAAP-EB-050418 -DPT	BEGINNING DEPTH: 28'
GRAB (X) COMPOSITE ( ) @1530	END DEPTH: 32'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HP	
	SAMPLING EQUIPMENT: DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES	Cooler
3x40mL VOA 4	2	HCl	8260B	VOCs	14 days	1
1 L Amber 8	2		8330B	Explosives	7 days	3
250 mL HDPE 8	1	HNO3	6010	Metals	180 days	1
1 L Amber 8	2		8270C-SIM	PAHs	7 days	3
				EB Exp/PAH in cooler #6		
				MS/MSD Exp/PAH in cooler #5		

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS				MISCELLANEOUS	
pH:	7.29	Turbidity (NTU):	176	Color:	gry
Temp. (C°):	19.16	Specific Cond. (µS/cm):	3.620	Odor:	?
DO (mg/L):	8.16			PID:	–
ORP (mV):	-113.0	WL - 5.4		Other:	–

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 65

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: BA OBSERVER: BA

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.03

SAMPLE INFORMATION

SAMPLE ID: 19C-LGIA-DPT07	TIME: 1250 DATE: 5.4.18
QC SAMPLE: YES (X) ~~NO ( )~~ AH	MATRIX: WG
QC SAMPLE ID: CHAAP-19C-LGSA-DP7	FIELD FILTERED: YES (X) NO ( )
TYPE OF QC SAMPLE: FD 107 @1200	BEGINNING DEPTH: 28'
GRAB (X) COMPOSITE ( )	END DEPTH: 32'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HP SAMPLING EQUIPMENT: DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES	Cooler
3x40mL VOA 2	~~1~~	HCl	8260B	VOCs	14 days	1
1 L Amber 4	~~2~~		8330B	Explosives	7 days	4
250 mL HDPE 4	~~1~~	HNO3	6010	Metals	180 days	1
1 L Amber 4	~~2~~		8270C-SIM	PAHs	7 days	4

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS				MISCELLANEOUS
pH:	7.28	Turbidity (NTU):	93	Color: gy
Temp. (C°):	16.01	Specific Cond. (µS/cm):	3.358	Odor: —
DO (mg/L):	6.11			PID: —
ORP (mV):	-98.5	WL	-3.2'	Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.03

SAMPLE INFORMATION

SAMPLE ID: 19C-LGIA-DPT08	TIME: 1155 DATE: 5-4-18
QC SAMPLE: YES ( ) NO (X)	MATRIX: WG
QC SAMPLE ID: —	FIELD FILTERED: YES (X) NO ( )
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 28'
GRAB (X) COMPOSITE ( )	END DEPTH: 32'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HP SAMPLING EQUIPMENT: DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES	Coolers
3x40mL VOA	1	HCl	8260B	VOCs	14 days	1
1 L Amber	2		8330B	Explosives	7 days	3
250 mL HDPE	2 ~~1~~	HNO3	6010	Metals	180 days	1
1 L Amber	2		8270C-SIM	PAHs	7 days	3

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS			MISCELLANEOUS
pH: 7.32	Turbidity (NTU): 157		Color: Gray
Temp. (C°): 18.59	Specific Cond. (µS/cm): 3.107		Odor: —
DO (mg/L): 3.30			PID: —
ORP (mV): -116.0	WL - 4.4'		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 65

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.03

SAMPLE INFORMATION

SAMPLE ID: 19C-LGIA-DPT09	TIME: 1035 DATE: 5.4.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: WG
QC SAMPLE ID: —	FIELD FILTERED: YES (X) NO ( )
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 28'
GRAB (X) COMPOSITE ( )	END DEPTH: 32'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HP SAMPLING EQUIPMENT: DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES	Cooler
3x40mL VOA	1	HCl	8260B	VOCs	14 days	1
1 L Amber	2		8330B	Explosives	7 days	2
250 mL HDPE 2	~~1~~	HNO3	6010	Metals	180 days	1
1 L Amber	2		8270C-SIM	PAHs	7 days	2

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS				MISCELLANEOUS	
pH:	7.30	Turbidity (NTU):	68	Color:	light Gray
Temp. (C°):	19.36	Specific Cond. (μS/cm):	3.167	Odor:	—
DO (mg/L):	1.53			PID:	—
ORP (mV):	-109.8			Other:	—

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR (X) OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 60

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AZ OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.03

SAMPLE INFORMATION

SAMPLE ID: 19C-LGIA-DPT10	TIME: 940 DATE: 5.4.18
QC SAMPLE: YES (✓) NO ( )	MATRIX: WG
QC SAMPLE ID: CHAAP-TB-050418	FIELD FILTERED: YES (✓) NO ( )
TYPE OF QC SAMPLE: TB @ 915	BEGINNING DEPTH: 28'
GRAB (X) COMPOSITE ( )	END DEPTH: 32'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HP SAMPLING EQUIPMENT: DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES	Cooler
3x40mL VOA 2	X	HCl	8260B	VOCs	14 days	1
1 L Amber	2		8330B	Explosives	7 days	2
250 mL HDPE 2	X	HNO3	6010	Metals	180 days	1
1 L Amber	2		8270C-SIM	PAHs	7 days	2

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
pH: 7.37	Turbidity (NTU): 141	Color: Gray
Temp. (C°): 14.40	Specific Cond. (µS/cm): 3.245	Odor: —
DO (mg/L): 5.38		PID: —
ORP (mV): -110.2	WL - 5.1'	Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR (✓) OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 50

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AA OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.03

SAMPLE INFORMATION

SAMPLE ID: 19C-UGIA-DPT11	TIME: 1555	DATE: 5-3-18
QC SAMPLE: YES (✓) NO ( )	MATRIX: WG	
QC SAMPLE ID: CHAAP-EB-050318	FIELD FILTERED: YES ( ) NO ( )	
TYPE OF QC SAMPLE: EB @1615	BEGINNING DEPTH: 16	
GRAB (X) COMPOSITE ( )	END DEPTH: 20	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HP	
	SAMPLING EQUIPMENT: DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES	Cooler
3x40mL VOA 2	2	HCl	8260B	VOCs	14 days	1
1 L Amber 4	2		8330B	Explosives	7 days	6
250 mL HDPE	1	HNO3	6010	Metals	180 days	1
1 L Amber 4	2		8270C-SIM	PAHs	7 days	6

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS			MISCELLANEOUS
pH: 7.31	Turbidity (NTU): 853		Color: Dark gray
Temp. (C°): 12.55	Specific Cond. (µS/cm): 3.032		Odor: —
DO (mg/L): 5.28			PID: —
ORP (mV): -86.0	nL		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 50

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: NK OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.03

SAMPLE INFORMATION

SAMPLE ID: 19C-LGIA-DPT12	TIME: 1550 DATE: 5.3.16
QC SAMPLE: YES ( ) NO (X)	MATRIX: WG
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO ( )
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 28'
GRAB (X) COMPOSITE ( )	END DEPTH: 32'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HP SAMPLING EQUIPMENT: DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES	Cooler
3x40mL VOA	1	HCl	8260B	VOCs	14 days	1
1 L Amber	2		8330B	Explosives	7 days	5
250 mL HDPE	1	HNO3	6010	Metals	180 days	1
100 mL PE	1		7196A	Hex Chrom	24hr	1
1 L Amber	2		8270C-SIM	PAHs	7 days	5

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
pH: 7.29	Turbidity (NTU): 129	Color: Gray
Temp. (C°): 13.59	Specific Cond. (µS/cm): 3.576	Odor: —
DO (mg/L): ~~4.19~~ → 8.83		PID: —
ORP (mV): -72.3	wL	Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION ____ AMBIENT TEMP 50

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.03

SAMPLE INFORMATION

SAMPLE ID: 19C-UGIA-DPT13	TIME: AH ~~1055~~ 1055 ~~1050~~ DATE: 5.2.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: WG
QC SAMPLE ID: —	FIELD FILTERED: YES (X) NO ( )
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 16'
GRAB (X) COMPOSITE ( )	END DEPTH: 20'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HP SAMPLING EQUIPMENT: DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES	Cooler
3x40mL VOA	1	HCl	8260B	VOCs	14 days	1
1 L Amber	2		8330B	Explosives	7 days	2
250 mL HDPE 2 ~~1~~		HNO3	6010	Metals & FF	180 days	1
1 L Amber	2		8270C-SIM	PAHs	7 days	2

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS			MISCELLANEOUS
pH: 7.14	Turbidity (NTU): 975		Color: Gray
Temp. (C°): 11.72	Specific Cond. (µS/cm): 2.764		Odor: —
DO (mg/L): 2.73			PID: —
ORP (mV): -52.5	WL -7.9'		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ✓ WIND DIRECTION N AMBIENT TEMP 65

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.03

SAMPLE INFORMATION

SAMPLE ID: 19C-LGIA-DPT14	TIME: ~~1035~~ 1050 DATE: 5.2.18
QC SAMPLE: YES (X) NO ( )	MATRIX: WG
QC SAMPLE ID: CHAAP-19C-LGIA-DPT11A	FIELD FILTERED: YES (X) NO ( )
TYPE OF QC SAMPLE: FD @1200	BEGINNING DEPTH: 28'
GRAB (X) COMPOSITE ( )	END DEPTH: 32'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HP SAMPLING EQUIPMENT: DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES	Cooler
3x40mL VOA 2	X	HCl	8260B	VOCs	14 days	1
1 L Amber 4	X		8330B	Explosives	7 days	3
250 mL HDPE 4	X	HNO3	6010	Metals	180 days	1
1 L Amber 4	X		8270C-SIM	PAHs	7 days	3

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS			MISCELLANEOUS
pH: 7.24	Turbidity (NTU): 1595		Color: Gry
Temp. (C°): 13.39	Specific Cond. (µS/cm): 2.754		Odor: —
DO (mg/L): 2.86			PID: —
ORP (mV): -76.6	WL ~~7.8'~~ 8.0' AH		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ✓ WIND DIRECTION N AMBIENT TEMP 65

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.03

SAMPLE INFORMATION

SAMPLE ID: 19C-UGIA-DPT15	TIME: 1420 DATE: 5.3.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: WG
QC SAMPLE ID: —	FIELD FILTERED: YES (X) NO ( )
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 16
GRAB (X) COMPOSITE ( )	END DEPTH: 20
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HP SAMPLING EQUIPMENT: DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES	Cooler
3x40mL VOA	1	HCl	8260B	VOCs	14 days	1
1 L Amber	2		8330B	Explosives	7 days	~~2~~ 5
250 mL HDPE 2	~~1~~	HNO3	6010	Metals	180 days	1
100 mL PE 2	~~1~~		7196A	Hex Chrom	24hr	1
1 L Amber	2		8270C-SIM	PAHs	7 days	~~2~~ 5

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS			MISCELLANEOUS
pH: 7.24	Turbidity (NTU): 1635		Color: Dark Gray
Temp. (C°): 12.21	Specific Cond. (µS/cm): 1.244		Odor: —
DO (mg/L): 4.09			PID: —
ORP (mV): -80.4	wL- 7.3		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ✓ WIND DIRECTION N AMBIENT TEMP 50

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.03

SAMPLE INFORMATION

SAMPLE ID: 19C-LGIA-DPT16	TIME: 1415	DATE: 5.3.16
QC SAMPLE: YES (X) NO ( )	MATRIX: WG	
QC SAMPLE ID: CHAAP-19C-LG2A-DPT116	FIELD FILTERED: YES (✓) NO ( )	
TYPE OF QC SAMPLE: FD e1200	BEGINNING DEPTH: 28'	
GRAB (X) COMPOSITE ( )	END DEPTH: 32'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HP SAMPLING EQUIPMENT: DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES	
3x40mL VOA 2	X	HCl	8260B	VOCs	14 days	cooler 1
1 L Amber 4	X		8330B	Explosives	7 days	4
250 mL HDPE 4	X	HNO3	6010	Metals	180 days	1
100 mL PE 4	X		7196A	Hex Chrom	24hr	4
1 L Amber 4	X		8270C-SIM	PAHs	7 days	4

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
pH: 7.19	Turbidity (NTU): 660	Color: Gray
Temp. (C°): 13.16	Specific Cond. (µS/cm): 3,727	Odor: —
DO (mg/L): 11.66		PID: —
ORP (mV): -89.9	WL - 6.1	Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION W AMBIENT TEMP 55

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.03

SAMPLE INFORMATION

SAMPLE ID: 19C-UGIA-DPT17	TIME: ~~1405~~ AH 1435 DATE: 5.2.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: WG
QC SAMPLE ID: —	FIELD FILTERED: YES (✓) ~~NO (✓)~~ AH
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 16'
GRAB (X) COMPOSITE ( )	END DEPTH: 20'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HP SAMPLING EQUIPMENT: DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES	Cooler
3x40mL VOA	1	HCl	8260B	VOCs	14 days	1
1 L Amber	2		8330B	Explosives	7 days	65
250 mL HDPE 2 ~~1~~		HNO3	6010	Metals	180 days	1
100 mL PE 2 ~~1~~			7196A	Hex Chrom	24hr	1
1 L Amber	2		8270C-SIM	PAHs	7 days	65

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
pH: 7.22	Turbidity (NTU): 82.5	Color: light Gray
Temp. (C°): 11.81	Specific Cond. (µS/cm): 2.408	Odor: —
DO (mg/L): 3.30		PID: —
ORP (mV): -49.0	WL-2.8'	Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ✓ WIND DIRECTION ✓ AMBIENT TEMP 65

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.03

SAMPLE INFORMATION

SAMPLE ID: 19C-LGIA-DPT18	TIME: ~~1410~~ 1440	DATE: 5.2.18
QC SAMPLE: YES (X) NO ( )	MATRIX: WG	
QC SAMPLE ID: " " - ms/msD	FIELD FILTERED: YES (X) NO ( )	
TYPE OF QC SAMPLE: ms/msD + EB	BEGINNING DEPTH: 28'	
GRAB (X) COMPOSITE ( )	END DEPTH: 32'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HP SAMPLING EQUIPMENT: DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
3x40mL VOA ~~4~~ 8	X	HCl	8260B	VOCs	14 days
1 L Amber ~~8~~ 6	2		8330B	Explosives	7 days
250 mL HDPE ~~8~~ 6	X	HNO3	6010	Metals	180 days
100 mL PE ~~8~~ 6	X		7196A	Hex Chrom	24hr
1 L Amber ~~8~~ 6	2		8270C-SIM	PAHs	7 days
CHAAP-EB-050218-DPT @ 1600				(EB in 7)	(ms/msD in 6)

cooler 1 S 1 1 S 5

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS			MISCELLANEOUS
pH:	7.22	Turbidity (NTU): 166	Color: Gy
Temp. (C°):	12.20	Specific Cond. (µS/cm): 2.680	Odor: —
DO (mg/L):	5.60		PID: —
ORP (mV):	-69.9	WL - 3.6'	Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION N AMBIENT TEMP 65

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.03

SAMPLE INFORMATION

SAMPLE ID: 19C-UGIA-DPT19	TIME: ~~940~~ AH 935 DATE: 5.3.18
QC SAMPLE: YES (X) NO ( )	MATRIX: WG
QC SAMPLE ID: CHAAP-TB-050318-BPT e900	FIELD FILTERED: YES (X) NO ( )
TYPE OF QC SAMPLE: TB	BEGINNING DEPTH: 16'
GRAB (X) COMPOSITE ( )	END DEPTH: 20'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HP SAMPLING EQUIPMENT: DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES	Cooler
3x40mL VOA 2	~~1~~	HCl	8260B	VOCs	14 days	1
1 L Amber	2		8330B	Explosives	7 days	2
250 mL HDPE 2	~~1~~	HNO3	6010	Metals	180 days	1
1 L Amber	2		8270C-SIM	PAHs	7 days	2

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS			MISCELLANEOUS
pH: 7.38	Turbidity (NTU): 115		Color: cloudy
Temp. (C°): 11.48	Specific Cond. (µS/cm): 2.280		Odor: —
DO (mg/L): 8.14			PID: —
ORP (mV): -88.5	WL - 8.5 bgs		Other: —

Comments: moved 10' East of location to get off Soil pile

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION ____ AMBIENT TEMP 55

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.03

SAMPLE INFORMATION

SAMPLE ID: 19C-LGIA-DPT20	TIME: 940	DATE: 5.3.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: WG	
QC SAMPLE ID: —	FIELD FILTERED: YES (✓) NO ( )	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 28'	
GRAB (X) COMPOSITE ( )	END DEPTH: 32	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HP SAMPLING EQUIPMENT: DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES	Cooler
3x40mL VOA	1	HCl	8260B	VOCs	14 days	1
1 L Amber	2		8330B	Explosives	7 days	2
250 mL HDPE 2	~~1~~	HNO3	6010	Metals	180 days	1
1 L Amber	2		8270C-SIM	PAHs	7 days	2

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS			MISCELLANEOUS
pH: 7.27	Turbidity (NTU): 160		Color: cloudy
Temp. (C°): 12.41	Specific Cond. (µS/cm): 3.445		Odor: —
DO (mg/L): 7.52			PID: —
ORP (mV): -90.2	WL-4.7		Other: —

Comments: moved 10' East of location to get off Soil pile

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ✓ WIND DIRECTION ____ AMBIENT TEMP 55

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.03

SAMPLE INFORMATION

SAMPLE ID: 19C-UGIA-DPT21	TIME: ~~1330~~ 1230 DATE: 5.2.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: WG
QC SAMPLE ID: —	FIELD FILTERED: YES (X) NO ( )
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 16'
GRAB (X) COMPOSITE ( )	END DEPTH: 20'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HP SAMPLING EQUIPMENT: DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES	Cooler
3x40mL VOA	1	HCl	8260B	VOCs	14 days	1
1 L Amber	2		8330B	Explosives	7 days	4
250 mL HDPE	2 ~~1~~	HNO3	6010	Metals	180 days	1
1 L Amber	2		8270C-SIM	PAHs	7 days	4

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS				MISCELLANEOUS	
pH:	7.23	Turbidity (NTU):	130	Color:	light gray
Temp. (C°):	15.60	Specific Cond. (µS/cm):	2.562	Odor:	—
DO (mg/L):	1.01			PID:	—
ORP (mV):	-89.7	mV	-4.1	Other:	—

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION N AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AA OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.03

SAMPLE INFORMATION

SAMPLE ID: 19C-LGIA-DPT22	TIME: ~~1235~~ 1300 DATE: 5.2.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: WG
QC SAMPLE ID: —	FIELD FILTERED: YES (✓) NO ( )
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 28'
GRAB (X) COMPOSITE ( )	END DEPTH: 32'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HP SAMPLING EQUIPMENT: DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES	Cooler
3x40mL VOA	1	HCl	8260B	VOCs	14 days	1
1 L Amber	2		8330B	Explosives	7 days	4
250 mL HDPE 2	~~1~~	HNO3	6010	Metals	180 days	1
1 L Amber	2		8270C-SIM	PAHs	7 days	4

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
pH: 6.90	Turbidity (NTU): 141	Color: Gray
Temp. (C°): 12.03	Specific Cond. (µS/cm): 2.692	Odor: —
DO (mg/L): 1.89		PID: —
ORP (mV): -52.6		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION N AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.03

SAMPLE INFORMATION

SAMPLE ID: 19C-UGIA-DPT23	TIME: 1140 DATE: 5.3.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: WG
QC SAMPLE ID: —	FIELD FILTERED: YES (✓) NO ( )
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 16'
GRAB (X) COMPOSITE ( )	END DEPTH: 20'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HP SAMPLING EQUIPMENT: DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES	Cooler
3x40mL VOA	1	HCl	8260B	VOCs	14 days	1
1 L Amber	2		8330B	Explosives	7 days	3
250 mL HDPE 2 ✗		HNO3	6010	Metals	180 days	1
1 L Amber	2		8270C-SIM	PAHs	7 days	3

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS			MISCELLANEOUS
pH: 7.35	Turbidity (NTU): 670		Color: Gray
Temp. (C°): 11.72	Specific Cond. (μS/cm): 2.209		Odor: —
DO (mg/L): 4.90			PID: —
ORP (mV): -87.7	WL-		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ✗ WIND DIRECTION ____ AMBIENT TEMP 60

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BA

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.03

SAMPLE INFORMATION

SAMPLE ID: 19C-LGIA-DPT24	TIME: 1120	DATE: 5-3-18
QC SAMPLE: YES ( ) NO (X)	MATRIX: WG	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 28'	
GRAB (X) COMPOSITE ( )	END DEPTH: 32'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HP	
	SAMPLING EQUIPMENT: DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES	coolers
3x40mL VOA	1	HCl	8260B	VOCs	14 days	1
1 L Amber	2		8330B	Explosives	7 days	3
250 mL HDPE	1	HNO3	6010	Metals	180 days	1
1 L Amber	2		8270C-SIM	PAHs	7 days	3

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS				MISCELLANEOUS	
pH:	7.23	Turbidity (NTU):	46.2	Color:	Slight Cloudy
Temp. (C°):	12.76	Specific Cond. (µS/cm):	3.455	Odor:	—
DO (mg/L):	7.57			PID:	—
ORP (mV):	-86.6	WL-	3.6	Other:	—

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN X WIND DIRECTION ____ AMBIENT TEMP 60

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: BH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.03

SAMPLE INFORMATION

SAMPLE ID: 19C-UGIA-DPT25	TIME: 915	DATE: 5.5.18
QC SAMPLE: YES (✓) NO ( )	MATRIX: WG	
QC SAMPLE ID: CHAAP-TB-050518-DPT	FIELD FILTERED: YES (X) NO ( )	
TYPE OF QC SAMPLE: TB @ 845	BEGINNING DEPTH: ~~18~~ 16' AH	
GRAB (X) COMPOSITE ( )	END DEPTH: 20'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HP SAMPLING EQUIPMENT: DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
3x40mL VOA 2	~~1~~	HCl	8260B	VOCs	14 days
1 L Amber	2		8330B	Explosives	7 days
250 mL HDPE 2	~~1~~	HNO3	6010	Metals	180 days
1 L Amber	2		8270C-SIM	PAHs	7 days

Cooler 1 2 1 2

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS				MISCELLANEOUS
pH:	7.03	Turbidity (NTU):	2000	Color: Dark Gray
Temp. (C°):	13.15	Specific Cond. (µS/cm):	2.807	Odor: —
DO (mg/L):	7.11			PID: —
ORP (mV):	-116.3	WL - 8.6		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 60

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.03

SAMPLE INFORMATION

SAMPLE ID: 19C-LGIA-DPT26	TIME: 920	DATE: 5.5.19
QC SAMPLE: YES ( ) NO (X)	MATRIX: WG	
QC SAMPLE ID: —	FIELD FILTERED: YES (X) NO ( )	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 28'	
GRAB (X) COMPOSITE ( )	END DEPTH: 32'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HP	
	SAMPLING EQUIPMENT: DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES	Coolers
3x40mL VOA	1	HCl	8260B	VOCs	14 days	1
1 L Amber	2		8330B	Explosives	7 days	2
250 mL HDPE 2	~~1~~	HNO3	6010	Metals	180 days	1
1 L Amber	2		8270C-SIM	PAHs	7 days	2

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
pH: 7.05	Turbidity (NTU): 148	Color: Grey
Temp. (C°): 13.95	Specific Cond. (µS/cm): 3.369	Odor: —
DO (mg/L): 8.40		PID: —
ORP (mV): -134.6	WL - 3.4	Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 60

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AA OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.03

SAMPLE INFORMATION

SAMPLE ID: 19C-UGIA-DPT27	TIME: 945	DATE: 5.6.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: WG	
QC SAMPLE ID: —	FIELD FILTERED: YES (✓) NO ( )	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 16'	
GRAB (X) COMPOSITE ( )	END DEPTH: 20'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HP	
	SAMPLING EQUIPMENT: DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES	Cooler
3x40mL VOA	1	HCl	8260B	VOCs	14 days	1
1 L Amber	2		8330B	Explosives	7 days	5
250 mL HDPE	2	HNO3	6010	Metals	180 days	1
1 L Amber	2		8270C-SIM	PAHs	7 days	5

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS				MISCELLANEOUS	
pH:	6.66	Turbidity (NTU):	866	Color:	gray
Temp. (C°):	13.50	Specific Cond. (μS/cm):	3.222	Odor:	—
DO (mg/L):	5.74			PID:	—
ORP (mV):	-97.4	WL-	1.9'	Other:	—

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION N AMBIENT TEMP 60

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.03

SAMPLE INFORMATION

SAMPLE ID: 19C-LGIA-DPT28	TIME: 950	DATE: 5.6.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: WG	
QC SAMPLE ID: —	FIELD FILTERED: YES (✓) NO ( )	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 28'	
GRAB (X) COMPOSITE ( )	END DEPTH: 32'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HP	
	SAMPLING EQUIPMENT: DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES	Cooler
3x40mL VOA	1	HCl	8260B	VOCs	14 days	1
1 L Amber	2		8330B	Explosives	7 days	5
250 mL HDPE 2	1	HNO3	6010	Metals	180 days	1
1 L Amber	2		8270C-SIM	PAHs	7 days	5

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS				MISCELLANEOUS
pH:	7.07	Turbidity (NTU):	3410	Color: Gray
Temp. (C°):	14.83	Specific Cond. (µS/cm):	3.671	Odor: —
DO (mg/L):	4.92			PID: —
ORP (mV):	-130.8			Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION ~ AMBIENT TEMP 60

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.03

SAMPLE INFORMATION

SAMPLE ID: 19C-UGIA-DPT29	TIME: 1100 DATE: 5.5.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: WG
QC SAMPLE ID: —	FIELD FILTERED: YES (X) NO ( )
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 16'
GRAB (X) COMPOSITE ( )	END DEPTH: 20'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HP
	SAMPLING EQUIPMENT: DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES	Cooler
3x40mL VOA	1	HCl	8260B	VOCs	14 days	1
1 L Amber	2		8330B	Explosives	7 days	3
250 mL HDPE 2	X	HNO3	6010	Metals	180 days	1
1 L Amber	2		8270C-SIM	PAHs	7 days	3

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS			MISCELLANEOUS
pH: 7.21	Turbidity (NTU): >2000		Color:
Temp. (C°): 12.98	Specific Cond. (µS/cm): 1.553		Odor:
DO (mg/L): 4.55			PID:
ORP (mV): -104.3			Other:

Comments: Screen + Sleeve were lost at 10' + unable to be recovered - was not abandoned in case over drilling is used.

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 19C	PROJECT NUMBER: AT3001.03

SAMPLE INFORMATION

SAMPLE ID: 19C-LGIA-DPT30	TIME: 1055 DATE: 5.5.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: WG
QC SAMPLE ID: —	FIELD FILTERED: YES (✓) NO ( )
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 28'
GRAB (X) COMPOSITE ( )	END DEPTH: 32'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HP SAMPLING EQUIPMENT: DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES	cooler
3x40mL VOA	1	HCl	8260B	VOCs	14 days	1
1 L Amber	2		8330B	Explosives	7 days	3
250 mL HDPE 2	~~1~~	HNO3	6010	Metals	180 days	1
1 L Amber	2		8270C-SIM	PAHs	7 days	3

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS			MISCELLANEOUS
pH: 7.37	Turbidity (NTU): 3707		Color:
Temp. (C°): 15.38	Specific Cond. (µS/cm): 2.929		Odor:
DO (mg/L): 6.28			PID:
ORP (mV): -126.3			Other:

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AA OBSERVER: BH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

Tract 19C – Monitoring Well Groundwater Field Sampling Records

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Groundwater Field Sampling Data Sheet

Well No.: BGGW01	Site: CHAAP	Tract: 19C	Date: 6.2.18
Samplers: A. Hodgepath		Project No.: A53001	
Measured Well Depth and Condition of Bottom: 24.03' from 5.17.18			Sample Time: 1315
DTW (ft): 7.23	DTP (ft): 19' BTOC	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface: 2.0' AGS		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 22' BOS BGS		Type of Pump: QED SampPro Bladder Pump 1.75''	
Screen Interval (ft): 12' TOS BGS		Weather (sun/clear, overcast/rain, wind direction, ambient temp): Windy, Sunny, 70F	
Well Diameter (in): 4"		Other: Purge Start time at 1245	
Placement of Pump (ft): 19' BTOC		Other: Controller Settings - 10/5 cycle, 4gpm, 24 psi	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	S. Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
1250					No Readings recorded					
1255	7.23	150	1.5	7.54	12.86	3225	16.8	4.59	12.7	
1300	7.23		2.25	7.55	12.90	3230	14.4	4.23	10.31	
1305	7.23		3.0	7.57	12.94	3230	14.1	4.16	7.16	
1310	7.23		3.75	7.57	12.90	3229	14.1	4.11	6.45	
1315	7.23		4.5	7.58	12.87	3229	14.0	4.08	5.01	

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes:

Sampled for: VOCs, Explosives, PAHs, Metals.

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: BGGW02	Site: CHAAP	Tract: 19C	Date: ~~6-3~~ 6-2-18
Samplers: A. Hedgepeth		Project No.: AT3001	
Measured Well Depth and Condition of Bottom: 42.8' Hard on 5-17-18			Sample Time: 1110
DTW (ft): 7.61	DTP (ft): 37.5' BTOC	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface: ~1.7 AGS		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 40.5' BGS		Type of Pump: QED SampPro Bladder Pump 1.75''	
Screen Interval (ft): ~~30.5~~ 30' TOS		Weather (sun/clear, overcast/rain, wind direction, ambient temp):	
Well Diameter (in): 4"		Other: Purge Start time at 1005	
Placement of Pump (ft): 37.5' BTOC		Other: Controller Settings - 10/5 cycle, 4lpm, 25 psi	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	S. Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
1010	7.61	150	0.75	~~7.27~~	13.11	3090	27.5	5.23	42.0	
1015	7.61		1.5	7.17	13.06	3147	26.9	2.25	42.1	
1020	7.61		2.25	7.16	13.19	3156	25.9	1.64	44.4	
1025	7.61		3.0	7.16	13.21	3177	25.4	1.37	41.3	
1030	7.61		3.75	7.15	13.32	3179	24.8	1.21	39.4	
1035	7.61		4.5	7.15	13.35	3180	-10.6	1.12	36.6	
1040	7.61		5.25	7.17	13.20	3182	-4.4	1.03	34.4	
1045	7.61		6.0	7.20	13.16	3185	-3.5	0.96	32.1	
1050	7.61		6.75	7.24	13.18	3185	6.4	0.71	30.4	
1055	7.61		7.5	7.26	13.19	3185	7.3	0.64	29.1	
1100	7.61		8.25	7.26	13.18	3185	6.4	0.67	27.2	
1105	7.61		9.0	7.25	13.18	3185	5.2	0.63	26.3	
1110	7.61		9.75	7.24	13.19	3186	4.9	0.68	25.9	

Observations

Color: Clear/Other (describe) - light Cloudy

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes:

Sampled for: VOCs, Explosives, PAHs, & metals
also collected triple volume for MS/MSD

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: BGMW01	Site: CHAAP	Tract: 19C	Date: 6.2.18
Samplers: A. Hedgepeth		Project No.: AT3001	
Measured Well Depth and Condition of Bottom: 22.2' Hard on 5.[illegible]18			Sample Time: 910
DTW (ft): 8.17	DTP (ft): 17.0'	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface: -1.95 AGS		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 20.4 BGS BOS		Type of Pump: QED SampPro Bladder Pump 1.75''	
Screen Interval (ft): 10.4 BGS TOS		Weather (sun/clear, overcast/rain, wind direction, ambient temp): 70°F Clear Sunny	
Well Diameter (in): 4''		Other: Purge Start time at 830	
Placement of Pump (ft): 17.0'		Other: Controller Settings - 10/5 cycle, 4cpm, 24psi	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	S.Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
835	8.17	150			Did not take Readings					
840	8.17		1.5	7.09	12.40	2029	35.7	1.46	19.2	
845	8.17		2.25	7.10	12.40	2033	33.0	1.13	16.8	
850	8.17		3.0	7.13	12.48	2034	29.8	0.83	14.0	
855	8.17		3.75	7.20	12.52	2035	28.3	0.75	11.8	
900	8.17		4.5	7.20	12.59	2035	26.8	0.66	11.9	
905	8.17		5.25	7.21	12.65	2035	25.3	0.64	11.60	
910	8.17		6.0	7.22	12.57	2037	24.5	0.61	11.29	

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes:

Sampled for: Explosives, Metals, PAHs & VOCs

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: BGMW02	Site: CHAAP	Tract: 19C	Date: 6-2-18
Samplers: A. Hedgepeth		Project No.: AT3001	
Measured Well Depth and Condition of Bottom: 22.4' on 5.17.18			Sample Time: 1435
DTW (ft): 6.89	DTP (ft): 17.5'	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface: 2.3' AGS		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 10' TOS BGS		Type of Pump: QED SampPro Bladder Pump 1.75''	
Screen Interval (ft): 20' TOS BGS		Weather (sun/clear, overcast/rain, wind direction, ambient temp): 70, Sunny, windy	
Well Diameter (in): 4"		Other: Purge Start time at 1405	
Placement of Pump (ft): 17.5' BTOC		Other: Controller Settings - 10/5cycle, 4cpm, 24psi	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	S. Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
1410	6.89	150	.75	7.40	14.19	2019	14.2	1.82	460	
1415	6.89		1.5	7.40	13.89	1999	13.6	1.79	8.34	
1420	6.89		2.25	7.41	13.44	1990	12.0	1.60	7.75	
1425	6.89		3.0	7.40	13.41	1988	11.8	1.58	5.21	
1430	6.89		3.75	7.38	13.36	1987	11.5	1.54	6.64	
1435	6.89		4.5	7.35	13.42	1989	11.2	1.47	4.65	

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes: collected EB after decomned pump

Sampled for: VOCs, Explosives, PAHs, + Metals

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: G000S	Site: CHAAP	Tract: 19C	Date: 6-3-18
Samplers: A. Hedgepath		Project No.: A53001	
Measured Well Depth and Condition of Bottom: 30.7' on 5.17.18			Sample Time: 1210
DTW (ft): 10.68'	DTP (ft): 23.5' BTOC	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface: 2.5' AGS		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 28.6' BGS		Type of Pump: QED SampPro Bladder Pump 1.75''	
Screen Interval (ft): 13.6' BGS		Weather (sun/clear, overcast/rain, wind direction, ambient temp): 75°F, clear, N wind	
Well Diameter (in): 4"		Other: Purge Start time at 1130	
Placement of Pump (ft): 23.5' BTOC		Other: Controller Settings - 10/5 cycle, 4 lpm, 22 psi	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
1135	10.68	150	.75	7.02	14.29	3762	-14.4	1.23	85.2	
1140	10.68		1.5	7.07	14.14	3773	-13.8	0.59	72.6	
1145	10.68		2.25	7.09	14.10	3779	-13.6	0.50	61.9	
1150	10.68		3.0	7.10	14.05	3784	-13.8	0.44	54.3	
1155	10.68		3.75	7.08	14.01	3785	-13.8	0.39	51.6	
1200	10.68		4.50	7.05	13.97	3786	-13.8	0.37	50.4	
1205	10.68		5.25	7.03	14.04	3789	-13.5	0.36	48.6	
1210	10.68		6.0	7.00	14.09	3790	-13.3	0.34	47.9	

Observations

Color: Clear/Other (describe) Gray

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes: FD collected at this location

Sampled for: VOCs, Explosives, PAHs, + Metals

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: 60006	Site: CHAAP	Tract: 19C	Date: 6.3.18
Samplers: A. Hedgepeth		Project No.: A53001	
Measured Well Depth and Condition of Bottom: 29.85 · BTOC on 5.17.18			Sample Time: 1040
DTW (ft): 7.81	DTP (ft): 23' BTOC	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface: 2.12' AGS		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 27.6 BGS		Type of Pump: QED SampPro Bladder Pump 1.75''	
Screen Interval (ft): 12.6' BGS		Weather (sun/clear, overcast/rain, wind direction, ambient temp): 75°F, Sunny, N wind	
Well Diameter (in): 4''		Other: Purge Start time at 1010	
Placement of Pump (ft): 23' BTOC		Other: Controller Settings - 10/5 cycle, 4 gpm, 24 psi	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	S.Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
1015	7.81	150	.75	7.32	12.99	2159	3.8	3.19	15.8	
1020	7.81		1.5	7.30	13.08	2155	3.9	3.01	12.5	
1025	7.81		2.25	7.30	13.10	2153	3.7	2.94	9.64	
1030	7.81		3.0	7.29	13.13	2150	3.7	2.90	8.03	
1035	7.81		3.75	7.31	13.21	2148	2.3	2.84	6.49	
1040	7.81		4.5	7.32	13.24	2150	1.9	2.84	5.81	

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes:

Sampled for: VOCs, Explosives, PAHs, & Metals

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: G0007	Site: CHAAP	Tract: 19C	Date: 6.3.18
Samplers: A. Hedgepeth		Project No.: AT3001	
Measured Well Depth and Condition of Bottom: 29.9' on 5.17.18			Sample Time: 800
DTW (ft): 8.75 BTOC	DTP (ft): 23' BTOC	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface: 2.7' AGS		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 27.3' BGS		Type of Pump: QED SampPro Bladder Pump 1.75''	
Screen Interval (ft): 12.3' BGS		Weather (sun/clear, overcast/rain, wind direction, ambient temp): 70°F, Sunny, no wind	
Well Diameter (in): 4"		Other: Purge Start time at 715	
Placement of Pump (ft): ~~20'~~ AH ~~B~~ 23' BTOC		Other: Controller Settings - 10/5 cycle, 4 cpm, 23 psi	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	S. Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
720	8.75	150	.75	6.96	11.78	3201	31.9	1.86	35.6	
725	8.75		1.5	6.99	11.76	3202	30.4	1.49	37.8	
730	8.75		2.25	7.02	11.74	3205	29.3	1.32	36.0	
735	8.75		3.0	7.05	11.80	3208	-60.4	0.94	32.9	
740	8.75		3.75	7.07	11.87	3209	-90.6	0.87	31.7	
745	8.75		4.5	7.16	11.96	3209	14.9	0.68	30.4	
750	8.75		5.25	7.20	12.04	3209	15.3	0.63	29.9	
755	8.75		6.0	7.16	12.12	3210	14.9	0.62	28.4	
800	8.75		6.75	7.18	12.14	3211	15.5	0.61	27.5	

Observations

Color: Clear/Other (describe) - light Gray

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes: Small black flecks in VOAs, reddish silt (small amount) in flow through

Sampled for: VOCs, Explosives, PAHs, + metals

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: G0008	Site: CHAAP	Tract: 19c	Date: 6-3-18
Samplers: A. Hedgepath		Project No.: A53001	
Measured Well Depth and Condition of Bottom: 36.15' on 5-17-18			Sample Time: 1415
DTW (ft): 10.19	DTP (ft): 29' BTOC	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface: 2.6' AGS		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 33.8' BGS		Type of Pump: QED SampPro Bladder Pump 1.75''	
Screen Interval (ft): 18.8' BGS		Weather (sun/clear, overcast/rain, wind direction, ambient temp): 80F, Sunny	
Well Diameter (in): 4"		Other: Purge Start time at 1330	
Placement of Pump (ft): 29' BTOC		Other: Controller Settings - 10/5 cycle, 4 gpm, 22 psi	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	S. Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
1335	10.19	150	.75	7.05	14.99	3392	4.4	2.65	49.4	
1340	10.19		1.5	7.08	14.83	3390	-6.2	2.49	38.7	
1345	10.19		2.25	7.11	14.79	3388	-13.9	2.36	25.3	
1350	10.19		3.0	7.11	14.62	3391	-17.2	2.31	24.7	
1355	10.19		3.75	7.12	14.51	3396	-20.8	2.29	22.3	
1400	10.19		4.5	7.09	14.56	3387	-22.2	2.18	17.1	
1405	10.19		5.25	7.10	14.41	3385	-21.1	2.08	16.9	
1410	10.19		6.0	7.10	14.36	3384	-20.4	2.04	16.6	
1415	10.19		6.75	7.10	14.29	3389	-19.9	2.05	15.8	

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes: Collected EB off decomed pump

Sampled for: VOCs, Explosives, PAHs, & Metals

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: G0036	Site: CHAAP	Tract: 19C	Date: 6.3.18
Samplers: A. Hedgepeth		Project No.: AT3001	
Measured Well Depth and Condition of Bottom: 33.0' BTOC on 5.17.18			Sample Time: 925
DTW (ft): 7.37	DTP (ft): 27' BTOC	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface: 2.5' AGS		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 30' BGS		Type of Pump: QED SampPro Bladder Pump 1.75''	
Screen Interval (ft): - unknown		Weather (sun/clear, overcast/rain, wind direction, ambient temp): 70°F, Sunny, wind from west	
Well Diameter (in): 4''		Other: Purge Start time at 845	
Placement of Pump (ft): 27' BTOC		Other: Controller Settings - 10/5 cycle, 4cpm, 23 psi	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Sp.Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
850	7.37	150	0.75	7.06	12.52	2950	16.4	2.63	49.8	
855	7.37		1.5	7.13	12.88	2974	13.3	1.06	47.1	
900	7.37		2.25	7.15	13.32	2994	15.7	0.84	46.5	
905	7.37		3.0	7.18	13.17	2998	-72.0	0.73	46.0	
910	7.37		3.75	7.17	13.30	3012	-10.6	0.69	44.8	
915	7.37		4.5	7.16	13.47	3019	-9.0	0.67	42.5	
920	7.37		5.25	7.16	13.76	3028	-8.8	0.69	41.0	
925	7.37		6.0	7.15	13.82	3024	-8.2	0.63	39.8	

Observations

Color: Clear/Other (describe) Gray

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes:

Sampled for: VOCs, Explosives, PAHs, + Metals

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: 19C-G0036	Site: CHAAP	Tract: 19C	Date: 8/8/18
Samplers: S. Cameron		Project No.: 16-027	
Measured Well Depth and Condition of Bottom: 33.02			Sample Time: 1155
DTW (ft): 11.65	DTP (ft): 20.5	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface:		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 33.02		Type of Pump: QED SampPro Bladder Pump 1.75"	
Screen Interval (ft): 8-33		Weather (sun/clear, overcast/rain, wind direction, ambient temp):	
Well Diameter (in): 4"		Other:	
Placement of Pump (ft): 20.5		Other:	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
10:50	11.65	250	—	—	—	—	—	—	—	
10:55	11.65	250	1.25	6.59	13.66	2.251	-47.1	47.5	47.9	
11:00	11.65	250	2.5	6.73	12.54	2.260	-55.9	14.4	49.2	
11:05	11.65	250	3.75	6.74	12.39	2.257	-69.2	10.4	39.1	
11:10	Move to pickup Fresh Filter									
11:40	11.65	250	5.0	6.43	12.51	2.265	-72.8	7.4	31.9	
11:45	11.65	250	6.25	6.48	12.47	2.263	-73.4	7.3	22.1	
11:50	11.65	250	7.5	6.51	12.46	2.261	-74.1	7.2	22.0	
11:55	11.65	250	8.75	6.58	12.46	2.260	-74.5	7.1	23.2	
Sampling										

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes:

Sampled for Total + Dissolved Metals

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: 19C-UGIA-MW01	Site: CHAAP	Tract: 19C	Date: 8/7/18
Samplers: S. Gamboa		Project No.: 16-027	
Measured Well Depth and Condition of Bottom: 23.74			Sample Time: 15:45
DTW (ft): 13.42	DTP (ft): 18.5	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface:		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 23.74		Type of Pump: QED SampPro Bladder Pump 1.75"	
Screen Interval (ft): 13.5-23.5		Weather (sun/clear, overcast/rain, wind direction, ambient temp):	
Well Diameter (in): 2"		Other:	
Placement of Pump (ft): 18.5		Other:	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (mS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
15:00	13.42	250	—	—	—	—	—	—	—	
15:05	13.42	250	1.25	6.89	17.40	2.205	-66.9	32.2	113	
15:10	13.42	250	2.5	6.75	14.34	2.362	-52.3	19.6	209	
15:15	13.42	250	3.75	6.74	14.23	2.367	-61.4	14.9	226	
15:20	13.42	250	5.0	6.72	14.19	2.486	-66.8	12.4	248	
15:25	13.42	250	6.25	6.74	14.39	2.511	-73.2	10.0	108	
15:30	13.42	250	7.5	6.75	14.56	2.526	-74.5	9.7	36.4	
15:35	13.42	250	8.75	6.75	14.89	2.548	-78.1	9.5	25.5	
15:40	13.42	250	10	6.76	14.91	2.549	-79.5	9.6	23.7	
15:45	13.42	250	11.25	6.77	14.92	2.550	-80.9	9.6	21.4	
Sampling										

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes: Sampling for VOCs, Metals, Explosives, & PAHs

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: 19C-LGIA-MW02	Site: CHAAP	Tract: 19C	Date: 8/7/18
Samplers: S. Cameron		Project No.: 16-027	
Measured Well Depth and Condition of Bottom:		38.75	Sample Time: 14:25
DTW (ft): 13.42	DTP (ft): 32.5	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface:		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 38.75		Type of Pump: QED SampPro Bladder Pump 1.75"	
Screen Interval (ft): 28.5-38.5		Weather (sun/clear, overcast/rain, wind direction, ambient temp):	
Well Diameter (in): SOL ~~32.5~~ 2"		Other:	
Placement of Pump (ft): 32.5		Other:	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
14:00	13.42	250	—	—	—	—	—	—	—	
14:05	13.42	250	1.25	7.12	14.45	2.417	-74.5	23.8	9.52	
14:10	13.42	250	2.5	6.82	13.52	2.452	-71.9	15.6	10.5	
14:15	13.42	250	3.75	6.77	13.62	2.447	-74.6	14.3	8.63	
14:20	13.42	250	5.0	6.74	13.59	2.448	-76.2	13.1	7.41	
14:25	13.42	250	6.25	6.73	13.55	2.449	-78.3	12.4	6.21	
Sampling		↓								

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes: Sampled for VOCs, Metals, Explosives, + PAHs

Collected Dup: 19C-LGIA-MW102 Time: 12:00

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: 19C-VGTA-MW03	Site: CHAAP	Tract: 19C	Date: 8/7/18
Samplers: S. Cameron		Project No.: 16-027	
Measured Well Depth and Condition of Bottom: 23.07 Hard			Sample Time: 11:25
DTW (ft): 8.78	DTP (ft): 18	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface:		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 23		Type of Pump: QED SampPro Bladder Pump 1.75"	
Screen Interval (ft): 13-23		Weather (sun/clear, overcast/rain, wind direction, ambient temp):	
Well Diameter (in): 2"		Other:	
Placement of Pump (ft): 18		Other:	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
10:30	8.78	250	—	—	—	—	—	—	—	Cloudy
10:35	8.78	250	1.25	7.06	12.93	2,175	-19.4	23.0	362	
10:40	8.78	250	2.5	6.67	12.24	2.138	6.9	14.1	457	
10:45	8.78	250	3.75	6.64	12.30	2,167	7.3	15.1	276	
10:50	8.78	250	5.0	6.61	12.36	2,184	7.3	13.6	193	
10:55	8.78	250	6.25	6.57	12.40	2,209	7.4	12.2	142	
11:00	8.78	250	7.5	6.53	12.32	2,210	7.4	12.1	93.4	
11:05	8.78	250	8.75	6.51	12.29	2.211	7.4	11.9	78.6	
11:10	8.78	250	10.0	6.46	12.30	2.211	7.7	11.5	51.3	
11:15	8.78	250	11.25	6.41	12.30	2.211	7.8	11.0	43.3	
11:20	8.78	250	12.5	6.42	12.34	2,211	8.1	10.4	45.6	
11:25	8.78	250	13.75	6.42	12.40	2,212	8.3	9.9	48.2	
Sampling										

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes: Sampled for VOCs, Metals, explosives, & PAHs

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: 19C-LGIA-MW04	Site: CHAAP Tract: 19C	Date: 8/7/18
Samplers: S. Cameron	Project No.: 16-027	
Measured Well Depth and Condition of Bottom: 36.88 Hard		Sample Time: 10:10
DTW (ft): 8.68	DTP (ft): 31.5	FedEx: X UPS ___Hand ___Other
MP Ht. Aboveground/Below Ground Surface:		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):
Installed Well Depth: 36.88 ft		Type of Pump: QED SampPro Bladder Pump 1.75"
Screen Interval (ft): 26.5 - 36.5		Weather (sun/clear, overcast/rain, wind direction, ambient temp):
Well Diameter (in): 2"		Other:
Placement of Pump (ft): 31.5 ft		Other:

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
0930	8.68	250	—	—	—	—	—	—	—	Cloudy
0935	8.65	250	1.25	6.98	14.04	2.436	40.9	82.5	813	
0940	8.65	250	2.5	6.94	12.87	2.441	6.7	31.6	372	
0945	8.65	250	3.75	6.91	12.47	2.447	-28.1	15.8	184	
0950	8.65	250	5.0	6.82	12.00	2.442	-54	13.2	45.5	
0955	8.65	250	6.25	6.84	12.01	2.446	-57	12.8	27.4	
1000	8.65	250	7.5	6.78	12.01	2.449	-60.1	12.3	17.6	
1005	8.65	250	8.75	6.70	11.91	2.451	-61.4	11.9	11.4	
1010	8.65	250	10.0	6.70	11.89	2.450	-61.9	11.7	9.6	
Sampling										

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes: Sampling for VOCs, Metals, Explosives, + PAHs

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: 19C-UGIA-MW05	Site: CHAAP	Tract: 19C	Date: 8/7/18
Samplers: S. Cameron		Project No.: 16-077	
Measured Well Depth and Condition of Bottom: 20.21			Sample Time: 13:30
DTW (ft): 8.65	DTP (ft):	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface:		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 20.21		Type of Pump: QED SampPro Bladder Pump 1.75"	
Screen Interval (ft): 10-20		Weather (sun/clear, overcast/rain, wind direction, ambient temp):	
Well Diameter (in): 2"		Other:	
Placement of Pump (ft): 15'		Other:	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (mS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
12:55	8.65	250	—	—	—	—	—	—	—	
13:00	8.68	250	1.25	6.83	13.14	1.397	-27	12.7	94.5	
13:05	8.68	250	2.5	6.69	13.09	1.334	-38.5	10.5	53.4	
13:10	8.68	250	3.75	6.67	13.01	1.592	-46.2	10.2	51.6	
13:15	8.68	250	5.0	6.68	12.97	1.596	-51.8	9.7	49.3	
13:20	8.68	250	6.25	6.69	12.94	1.509	-54.9	9.2	48.3	
13:25	8.68	250	7.5	6.65	12.87	1.513	-56.2	9.0	47.1	
13:30	8.68	250	8.75	6.65	12.85	1.524	-57.4	8.8	46.6	
Sampling										

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes: Sampling for VOCs, Metals, Explosives, & PAHs

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: 19C LGIA-MW06	Site: CHAAP	Tract: 19C	Date: 8/7/18
Samplers: S. Cameron		Project No.: 16-027	
Measured Well Depth and Condition of Bottom: 32.67 Hard			Sample Time: 12:35
DTW (ft): 8.31	DTP (ft):	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface:		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 32.67		Type of Pump: QED SampPro Bladder Pump 1.75"	
Screen Interval (ft): 22.5-32.5		Weather (sun/clear, overcast/rain, wind direction, ambient temp):	
Well Diameter (in): 2"		Other:	
Placement of Pump (ft): 27.5		Other:	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (mS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
12:05	8.31	250	—	—	—	—	—	—	—	
12:10	8.31	250	1.25	6.87	14.12	2.542	16.2	20.0	47.6	
12:15	8.31	250	2.5	6.69	13.33	2.574	10.5	12.9	20.4	
12:20	8.31	250	3.75	6.68	13.12	2.571	1.6	12.1	19.7	
12:25	8.31	250	5.0	6.68	13.05	2.570	-3.2	11.7	14.5	
12:30	8.31	250	6.25	6.67	13.12	2.573	-5.8	11.9	8.6	
12:35	8.31	250	7.5	6.67	13.19	2.577	-7.2	12.0	6.3	
Sampling										

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes: Sampling for VOCs, Metals, Explosives, & PAHs

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: 19C-LGIA-MW07	Site: CHAAP	Tract: 19C	Date: 8/8/18
Samplers: S Cameron		Project No.: 16-027	
Measured Well Depth and Condition of Bottom: 39.76 Hard			Sample Time:
DTW (ft): 12.43	DTP (ft): 34.5	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface:		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 39.76		Type of Pump: QED SampPro Bladder Pump 1.75"	
Screen Interval (ft): 29.5 – 39.5		Weather (sun/clear, overcast/rain, wind direction, ambient temp):	
Well Diameter (in): 2"		Other: Purge Start time at 0840	
Placement of Pump (ft): 34.5		Other: Controller Settings - 10/5 cycles; 23 PSI	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
0840	12.43	250	—	—	—	—	—	—	—	Cloudy
0845	12.43	250	1.25	6.13	13.82	1.833	120.6	65.3	178	
0850	12.43	250	2.5	6.46	13.34	2.248	87.2	25.6	252	
0855	12.43	250	3.75	6.59	12.85	2.403	28.9	10.6	287	
0900	12.43	250	5.0	6.63	12.83	2.411	11.4	9.3	216	
0905	12.43	250	6.25	6.68	13.82	2.424	-8.2	8.2	160	
0910	12.43	250	7.5	6.71	12.88	2.441	-13.6	7.8	98.5	
0915	12.43	250	8.75	6.73	12.94	2.450	-21.8	7.5	84.4	
0920	12.43	250	10.0	6.73	12.92	2.454	-24.1	7.3	74.2	
0925	12.43	250	11.25	6.74	12.90	2.457	-27.3	7.2	56.4	
0930	12.43	250	12.5	6.73	12.96	2.463	-28.4	6.9	42.5	
0935	12.43	250	13.75	6.73	13.04	2.477	-30.3	6.7	31.7	
0940	12.43	250	15.0	6.74	13.21	2.491	-33.6	6.6	27.4	
0945	12.43	250	16.25	6.74	13.42	2.504	-35.9	6.4	26.3	
Sampling										

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes:

Sampled for: VOCs, Metals, Explosives, & PAHs

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

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Tract 20B – Surface and Subsurface Soil Field Sampling Records

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FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 20B	PROJECT NUMBER: AT3001.04

SAMPLE INFORMATION

SAMPLE ID: 20B-SS01	TIME: 1045	DATE: 3.15.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (✓)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: ~~HA or SS~~ AH	
	SAMPLING EQUIPMENT: Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
4oz Glass	1	-	8330B	Explosives	
4oz Glass 8oz	1	-	6010	Metals	
4oz Glass	1	-	7196A	Hex Chrome	
4oz Glass	1	-	8270C-SIM	PAHs	
DH					

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
pH:	Turbidity (NTU):	Color: Topsoil
Temp. (C°):	Specific Cond. (µS/cm):	Odor: —
DO (mg/L):		PID: —
ORP (mV):	AA	Other: —

Comments: Located at SB-01 location

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 50

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory on 3.15.18

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: KW

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 20B	PROJECT NUMBER: AT3001.04

SAMPLE INFORMATION

SAMPLE ID: 20B-SB01-4	TIME: 1135 DATE: 3.15.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 3'
GRAB (X) COMPOSITE ( )	END DEPTH: 4'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or (SS)
	SAMPLING EQUIPMENT: DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
4oz Glass	~~1~~	-	8330B	Explosives	
4oz Glass 8oz	~~1~~ 2	-	6010	Metals	
4oz Glass 8oz	~~1~~	-	7196A	Hex Chrome	
4oz Glass	~~1~~	-	8270C-SIM	PAHs	
AM					

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
pH:	Turbidity (NTU):	Color: grayish brown
Temp. (C°):	Specific Cond. (µS/cm):	Odor: —
DO (mg/L):		PID: 0.0
ORP (mV):	AM	Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 50

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory on 3.15.18

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: KW OBSERVER: AA

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 20B	PROJECT NUMBER: AT3001.04

SAMPLE INFORMATION

SAMPLE ID: 20B-SB01-8	TIME: 1140 DATE: 3.15.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 7'
GRAB (X) COMPOSITE ( )	END DEPTH: 8'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or (SS)
	SAMPLING EQUIPMENT: DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
4oz Glass	1	-	8330B	Explosives	
4oz Glass 8oz	1 2	-	6010	Metals	
4oz Glass	1	-	8270C-SIM	PAHs	
AH					

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
pH:	Turbidity (NTU):	Color: grayish brown
Temp. (C°):	Specific Cond. (µS/cm):	Odor: —
DO (mg/L):		PID: 0.0
ORP (mV):	AH	Other: —
Comments:		

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 50

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory on 3.15.18

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: KW OBSERVER: AH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 20B	PROJECT NUMBER: AT3001.04

SAMPLE INFORMATION

SAMPLE ID: 20B-SB01-~~12~~ 11 AH 3.15.18	TIME: 1145	DATE: 3.15.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO ( )	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: ~~11'~~ 10' AH	
GRAB (X) COMPOSITE ( )	END DEPTH: ~~12'~~ 11'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
4oz Glass	1	-	8330B	Explosives	
4oz Glass 8oz	1 2	-	6010	Metals	
4oz Glass	1	-	8270C-SIM	PAHs	
AH					

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
pH:	Turbidity (NTU):	Color: grayish brown
Temp. (C°):	Specific Cond. (µS/cm):	Odor: —
DO (mg/L):		PID: 0.0
ORP (mV):	AH	Other: —

Comments: GW @ 12' - Sample at 11'

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 50

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory on 3.15.18

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: KW OBSERVER: AH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 20B	PROJECT NUMBER: AT3001.04

SAMPLE INFORMATION

SAMPLE ID: 20B~~-SS03~~ 02 AH 3.15.18	TIME: 1240	DATE: 3.15.18
QC SAMPLE: YES (X) NO ( )	MATRIX: SO	
QC SAMPLE ID: Field Dup	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: CHAAP-20B-~~SS03~~ SS102 @1200 AH 3.15.18	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: ~~HA or SS~~ AH	
	SAMPLING EQUIPMENT: Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
4oz Glass	1	-	8330B	Explosives	
4oz Glass 8 oz	1	-	6010	Metals	
4oz Glass	1 2	-	7196A	Hex Chrome	
4oz Glass	1	-	8270C-SIM	PAHs	
DA					

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
pH:	Turbidity (NTU):	Color: Topsoil
Temp. (C°):	Specific Cond. (µS/cm):	Odor: –
DO (mg/L):		PID: –
ORP (mV):	AH	Other: –

Comments: At 20B-SB03 location

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 50

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory Gin 3.15.18

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: KW

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 20B	PROJECT NUMBER: AT3001.04

SAMPLE INFORMATION

SAMPLE ID: 20B-SB02-4	TIME: 1225 DATE: ~~3.18.18~~ 3.15.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO
QC SAMPLE ID: ~	FIELD FILTERED: YES ( ) NO (✓)
TYPE OF QC SAMPLE: ~	BEGINNING DEPTH: 3'
GRAB (X) COMPOSITE ( )	END DEPTH: 4'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or (SS)
	SAMPLING EQUIPMENT: DPS

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
4oz Glass	1	-	8330B	Explosives	
4oz Glass 8oz	1 1	-	6010	Metals	
4oz Glass	1	-	7196A	Hex Chrome	
4oz Glass	1	-	8270C-SIM	PAHs	
ATP					

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
pH:	Turbidity (NTU):	Color: grayish brown
Temp. (C°):	Specific Cond. (µS/cm):	Odor: —
DO (mg/L):		PID: 0.0
ORP (mV):	AH	Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 50

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory on 3.15.18

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: KN OBSERVER: AH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 20B	PROJECT NUMBER: AT3001.04

SAMPLE INFORMATION

SAMPLE ID: 20B-SB02-8	TIME: 1230	DATE: 3.15.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 7'	
GRAB (X) COMPOSITE ( )	END DEPTH: ~~8~~ 8' AH	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or (SS)	
	SAMPLING EQUIPMENT: DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
4oz Glass 4oz	1	-	8330B	Explosives	
4oz Glass 4oz	1	-	6010	Metals	
4oz Glass	1	-	8270C-SIM	PAHs	
AH					

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
pH:	Turbidity (NTU):	Color: greyish brown
Temp. (C°):	Specific Cond. (µS/cm):	Odor: —
DO (mg/L):		PID: 0.0
ORP (mV):	AH	Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 50

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory on 3.15.18

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: KW OBSERVER: AH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

LOCATION: Cornhusker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 20B·	PROJECT NUMBER: 16-027

SAMPLE INFORMATION

SAMPLE ID: CHAAP-20B- SS/SB02	TIME: 10:40	DATE: 6/15/18
QC SAMPLE: YES (X) NO ~~(X)~~ 830	MATRIX: SO	
QC SAMPLE ID: ~~NA~~ SB	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: ~~NA~~ SB CHAAP-20B-SB10-11	BEGINNING DEPTH: 9'	
GRAB ( ) COMPOSITE (X)	END DEPTH: 12'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), EQUIPMENT BLANK (EB), MATRIX SPIKE (MS), TRIP BLANK (TB), MATRIX SPIKE DUP (MSD), FIELD BLANK (FB)	SAMPLING METHOD: ~~HA~~ DPT, HA (11-12)	
	SAMPLING EQUIPMENT: ~~HA~~ DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	4°C	6020A	Metals	
			8330B	Explosives	

NOTABLE OBSERVATIONS

DEPTH INTERVAL	SAMPLE TIME	LITHOLOGY
Surface Sample:	NA	
3-4 ft bgs:	NA	
7-8 ft bgs:	NA	
9-10 ft bgs:	10:40	Lean Clay, low plasticity, some fine sand
11-12 ft bgs:	6/19/18 — 09:45	"

Comments: 11-12 added to document on 6/19/18

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: S. Cameron OBSERVER: B. Hylinski

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 20B	PROJECT NUMBER: AT3001.04

SAMPLE INFORMATION

SAMPLE ID: 20B-~~SS02~~ SS03 AH 3.15.18	TIME: 1245	DATE: 3.15.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (✓)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: ~~HA or SS~~ AH	
	SAMPLING EQUIPMENT: Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
4oz Glass	1	-	8330B	Explosives	
4oz Glass	1	-	6010	Metals	
4oz Glass	1	-	7196A	Hex Chrome	
4oz Glass	1	-	8270C-SIM	PAHs	
AH					

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
pH:	Turbidity (NTU):	Color: Topsoil
Temp. (C°):	Specific Cond. (µS/cm):	Odor: —
DO (mg/L):		PID: —
ORP (mV):	AH	Other: —

Comments: AL 20B-SB02 location

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 50

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory on 3.15.18

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: KW

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 20B	PROJECT NUMBER: AT3001.04

SAMPLE INFORMATION

SAMPLE ID: 20B-SB03-4	TIME: 1310	DATE: 3.15.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 3'	
GRAB (X) COMPOSITE ( )	END DEPTH: 4'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or (SS)	
	SAMPLING EQUIPMENT: DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
4oz Glass	1	-	8330B	Explosives	
4oz Glass	1	-	6010	Metals	
4oz Glass	1	-	7196A	Hex Chrome	
4oz Glass	1	-	8270C-SIM	PAHs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
pH:	Turbidity (NTU):	Color: greyish brown
Temp. (C°):	Specific Cond. (µS/cm):	Odor: —
DO (mg/L):		PID: 0.0
ORP (mV):	AH	Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 50

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory on 3.15.18

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: KW OBSERVER: AH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 20B	PROJECT NUMBER: AT3001.04

SAMPLE INFORMATION

SAMPLE ID: 20B-SB03-8	TIME: 1315	DATE: 3.15.18
QC SAMPLE: YES (X) NO ( )	MATRIX: SO	
QC SAMPLE ID: Rinsate	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: CHAAP-20B-EB-031518	BEGINNING DEPTH: 7'	
GRAB (X) COMPOSITE ( ) @ 1350	END DEPTH: 8'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
4oz Glass 8oz	1	-	8330B	Explosives	
4oz Glass 8oz	1	-	6010	Metals	
4oz Glass	1	-	8270C-SIM	PAHs	
AH					

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
pH:	Turbidity (NTU):	Color: grayish brown
Temp. (C°):	Specific Cond. (µS/cm):	Odor: —
DO (mg/L):		PID: 0.0
ORP (mV):	AH	Other: —

Comments: EB for metals/PAHs/Explosives at 1350

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 50

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory on 3.15.18

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: KL OBSERVER: AH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 20B	PROJECT NUMBER: AT3001.04

SAMPLE INFORMATION

SAMPLE ID: 20B-SS04	TIME: 1025	DATE: 3.15.18
QC SAMPLE: YES (✓) NO ( )	MATRIX: SO	
QC SAMPLE ID: Field Dup	FIELD FILTERED: YES ( ) NO (✓)	
TYPE OF QC SAMPLE: CHAAP-20B-SS104 @1200	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: ~~HA or SS~~ AH	
	SAMPLING EQUIPMENT: Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
4oz Glass	1	-	8330B	Explosives	
4oz Glass 8oz	1	-	6010	Metals	
4oz Glass	1	-	7196A	Hex Chrome	
4oz Glass	1	AH -	8270C-SIM	PAHs	
AH					

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
pH:	Turbidity (NTU):	Color: Topsoil
Temp. (C°):	Specific Cond. (μS/cm):	Odor: —
DO (mg/L):		PID: —
ORP (mV): AH	AH	Other: —

Comments: located at 20B-SB04

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 50

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory on 3.15.18

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: KL

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 20B	PROJECT NUMBER: AT3001.04

SAMPLE INFORMATION

SAMPLE ID: 20B-SB04-4	TIME: 1035	DATE: 3.15.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 3'	
GRAB (X) COMPOSITE ( )	END DEPTH: 4'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or (SS)	
	SAMPLING EQUIPMENT: DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
4oz Glass	1	-	8330B	Explosives	
4oz Glass 8oz	1	-	6010	Metals	
4oz Glass	1	-	7196A	Hex Chrome	
4oz Glass	1	-	8270C-SIM	PAHs	
AH					

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
pH:	Turbidity (NTU):	Color: grayish brown
Temp. (C°):	Specific Cond. (µS/cm):	Odor: —
DO (mg/L):		PID: 0.0
ORP (mV):	AH	Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 50

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory on 3.15.18

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: KW OBSERVER: AH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 20B	PROJECT NUMBER: AT3001.04

SAMPLE INFORMATION

SAMPLE ID: 20B-SB04-8	TIME: 1040 DATE: 3.15.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO
QC SAMPLE ID: –	FIELD FILTERED: YES ( ) NO (✓)
TYPE OF QC SAMPLE: –	BEGINNING DEPTH: 7'
GRAB (X) COMPOSITE ( )	END DEPTH: 8'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or (SS)
	SAMPLING EQUIPMENT: DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
4oz Glass	1	-	8330B	Explosives	
4oz Glass 8oz	1	-	6010	Metals	
4oz Glass	1	-	8270C-SIM	PAHs	
AH					

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
pH:	Turbidity (NTU):	Color: greyish brown
Temp. (C°):	Specific Cond. (µS/cm):	Odor: –
DO (mg/L):		PID: 0.0
ORP (mV):	AH	Other: –

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 50

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: KW OBSERVER: AH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 20B	PROJECT NUMBER: AT3001.04

SAMPLE INFORMATION

SAMPLE ID: 20B-SS05	TIME: 950	DATE: 3.15.17
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (✓)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: ~~HA or SS~~ DH	
	SAMPLING EQUIPMENT: Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
4oz Glass	1	-	8330B	Explosives	
4oz Glass 8oz	1	-	6010	Metals	
4oz Glass	1	-	7196A	Hex Chrome	
4oz Glass —	1	-	8270C-SIM	PAHs	
DH					

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
pH:	Turbidity (NTU):	Color: Topsoil
Temp. (C°):	Specific Cond. (µS/cm):	Odor: —
DO (mg/L):		PID: —
ORP (mV):	DH	Other: —

Comments: located at 20B-SB05 location

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 50

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory on 3.15.18

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DH OBSERVER: KW

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 20B	PROJECT NUMBER: AT3001.04

SAMPLE INFORMATION

SAMPLE ID: 20B-SB05-4	TIME: 955	DATE: 3.15.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 3'	
GRAB (X) COMPOSITE ( )	END DEPTH: 4'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or (SS)	
	SAMPLING EQUIPMENT: DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
4oz Glass	1	-	8330B	Explosives	
4oz Glass	1	-	6010	Metals	
4oz Glass 8oz	1	-	7196A	Hex Chrome	
4oz Glass —	1	-	8270C-SIM	PAHs	
AH					

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
pH:	Turbidity (NTU):	Color: greyish brown
Temp. (C°):	Specific Cond. (µS/cm):	Odor: —
DO (mg/L):		PID: 0.0
ORP (mV):	AH	Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 50

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory on 3.15.18

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: KW OBSERVER: AH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 20B	PROJECT NUMBER: AT3001.04

SAMPLE INFORMATION

SAMPLE ID: 20B- SB05-8	TIME: 1005 DATE: 3.15.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (✓)
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 7'
GRAB (X) COMPOSITE ( )	END DEPTH: 8'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS SAMPLING EQUIPMENT: DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
4oz Glass	1	-	8330B	Explosives	
4oz Glass 8oz	1	-	6010	Metals	
4oz Glass	1	-	8270C-SIM	PAHs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
pH:	Turbidity (NTU):	Color: grayish brown
Temp. (C°):	Specific Cond. (µS/cm):	Odor: —
DO (mg/L):		PID: 0.0
ORP (mV):	DU	Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 80

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory on 3.15.18

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: KW OBSERVER: AH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 20B	PROJECT NUMBER: AT3001.04

SAMPLE INFORMATION

SAMPLE ID: 20B-SS06	TIME: 1110	DATE: 3.15.18
QC SAMPLE: YES (✓) NO ( )	MATRIX: SO	
QC SAMPLE ID: MS/MSD	FIELD FILTERED: YES ( ) NO (✓)	
TYPE OF QC SAMPLE: CHAAP-20B-SS06-MS/MSD	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: ~~HA or SS~~ AH	
	SAMPLING EQUIPMENT: Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
~~4oz~~ Glass 8 oz	~~1~~ 3	-	8330B	Explosives	
~~4oz~~ Glass	~~1~~	-	6010	Metals	
~~4oz~~ Glass	~~1~~	-	8270C-SIM	PAHs	
	AH				

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
pH:	Turbidity (NTU):	Color: Topsoil
Temp. (C°):	Specific Cond. (µS/cm):	Odor: —
DO (mg/L):		PID: —
ORP (mV):	AH	Other: —

Comments: Located at 20B-SS06 location

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 50

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory on 3.15.18

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: KW

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 20B	PROJECT NUMBER: AT3001.04

SAMPLE INFORMATION

SAMPLE ID: 20B-SB06-4	TIME: 1205	DATE: 3.15.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 3'	
GRAB (X) COMPOSITE ( )	END DEPTH: 4'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or (SS)	
	SAMPLING EQUIPMENT: DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
4oz Glass	1	-	8330B	Explosives	
4oz Glass 6oz	1	-	6010	Metals	
4oz Glass	1	-	8270C-SIM	PAHs	
AH					

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
pH:	Turbidity (NTU):	Color: greyish brown
Temp. (C°):	Specific Cond. (µS/cm):	Odor: —
DO (mg/L):		PID: 0.0
ORP (mV):	AH	Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 50

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory on 3.15.18

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: KW OBSERVER: AH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 20B	PROJECT NUMBER: AT3001.04

SAMPLE INFORMATION

SAMPLE ID: 20B-SB06-8	TIME: 1210 DATE: 3.15.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO
QC SAMPLE ID: –	FIELD FILTERED: YES ( ) NO (✓)
TYPE OF QC SAMPLE: –	BEGINNING DEPTH: 7'
GRAB (X) COMPOSITE ( )	END DEPTH: 8'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or (SS)
	SAMPLING EQUIPMENT: DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
4oz Glass	1	-	8330B	Explosives	
4oz Glass 8oz	1	-	6010	Metals	
4oz Glass	1	-	8270C-SIM	PAHs	
AH					

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
pH:	Turbidity (NTU):	Color: grayish brown
Temp. (C°):	Specific Cond. (µS/cm):	Odor: –
DO (mg/L):		PID: 0.0
ORP (mV):	AH	Other: –

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION S AMBIENT TEMP 50

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory on 3.15.18

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: KW OBSERVER: AH

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

LOCATION: Cornhusker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 20B	PROJECT NUMBER: 16-027

SAMPLE INFORMATION

SAMPLE ID: CHAAP-20B- SS/SB 07	TIME: 1045 - 10:54	DATE: 6-15-18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: NA	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: NA	BEGINNING DEPTH: 0' - 0.5'	
GRAB ( ) COMPOSITE (X)	END DEPTH: ~~9'-10'~~ Soil 11-12'	

QC SAMPLE TYPE CODES:

DUPLICATE (DUP)	EQUIPMENT BLANK (EB)
MATRIX SPIKE (MS)	TRIP BLANK (TB)
MATRIX SPIKE DUP (MSD)	FIELD BLANK (FB)

SAMPLING METHOD: HA (0-2'), DPT (2-10), HA (11-12)

SAMPLING EQUIPMENT: HA / DPT

CONTAINER SIZE/TYPE	CONTAINER #	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	4°C	6020A	Metals	
			8330B	Explosives	

NOTABLE OBSERVATIONS

DEPTH INTERVAL	SAMPLE TIME	LITHOLOGY
Surface Sample:	10:45	Lean Clay, low plasticity, some fine sand
3-4 ft bgs:	10:50	Lean Clay, Silty, friable
7-8 ft bgs:	10:52	Lean Clay, low Plasticity, some fine sand
9-10 ft bgs:	10:54	"
11-12 ft bgs:	6/19/18 - 11:15	"

Comments: 11-12 Added to document on 6/19/18

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: S. Cameron OBSERVER: B. Hylinski

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	

LOCATION: Cornhusker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 20B	PROJECT NUMBER: 16-027

SAMPLE INFORMATION

SAMPLE ID: CHAAP-20B- SS/SB08	TIME: 10:47-11:06	DATE: 6/19/18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: NA	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: NA	BEGINNING DEPTH: 0'-0.5'	
GRAB ( ) COMPOSITE (X)	END DEPTH: ~~[illegible]~~ SAL 11-12'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), EQUIPMENT BLANK (EB), MATRIX SPIKE (MS), TRIP BLANK (TB), MATRIX SPIKE DUP (MSD), FIELD BLANK (FB)	SAMPLING METHOD: HA (0-2'), DPT (2-10), HA (11-12)	
	SAMPLING EQUIPMENT: HA / DPT	

CONTAINER SIZE/TYPE	CONTAINER #	PRESERVATIVE/ PREPARATION	ANALYTICALMETHOD	ANAYLSIS	NOTES
8oz Glass	1	4°C	6020A	Metals	
			8330B	Explosives	

NOTABLE OBSERVATIONS

DEPTH INTERVAL	SAMPLE TIME	LITHOLOGY
Surface Sample:	10:47	Lean Clay, low plast, some fine sand
3-4 ft bgs:	11:03	Lean Clay, f cobble, low plast
7-8 ft bgs:	11:05	Lean Clay, low plast, some fine sand
9-10 ft bgs:	11:06	"
11-12 ft bgs:	6/19/18 13:20	"

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: S. Cameron OBSERVER: B. Hylinski

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	

LOCATION: Cornhusker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 20B	PROJECT NUMBER: 16-027

SAMPLE INFORMATION

SAMPLE ID: CHAAP-20B- SS/SB09	TIME: 10:49-10:59	DATE: 6/15/18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: NA	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: NA	BEGINNING DEPTH: 0'-0.5'	
GRAB ( ) COMPOSITE (X)	END DEPTH: ~~9'-10'~~ SBL 11-12'	

QC SAMPLE TYPE CODES:

DUPLICATE (DUP)	EQUIPMENT BLANK (EB)
MATRIX SPIKE (MS)	TRIP BLANK (TB)
MATRIX SPIKE DUP (MSD)	FIELD BLANK (FB)

SAMPLING METHOD: HA (0-20), DPT (2-10'), HA (11-12)

SAMPLING EQUIPMENT: HA/DPT

CONTAINER SIZE/TYPE	CONTAINER #	PRESERVATIVE/ PREPARATION	ANALYTICALMETHOD	ANAYLSIS	NOTES
8oz Glass	1	4°C	6020A	Metals	
			8330B	Explosives	

NOTABLE OBSERVATIONS

DEPTH INTERVAL	SAMPLE TIME	LITHOLOGY
Surface Sample:	10:49	Lean Clay, low plast, some fine sand
3-4 ft bgs:	10:57	Lean clay, friable, silty.
7-8 ft bgs:	10:58	Lean Clay, low plast, some fine sand
9-10 ft bgs:	10:59	"
11-12 ft bgs:	6/19/18 - 14:35	"

Comments: 11-12' added to document on 6/19/18.

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP ____

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: S. Cameron OBSERVER: B. Hylinski

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	

LOCATION: Cornhusker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 20B	PROJECT NUMBER: 16-027

SAMPLE INFORMATION

SAMPLE ID: 20B-SS10	TIME: 7:15	DATE: 7/25/2018
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: NA	FIELD FILTERED: NA	
TYPE OF QC SAMPLE: NA	BEGINNING DEPTH: Ground Surface	
GRAB ( ) COMPOSITE (X)	END DEPTH: 2 feet below bottom of borehole	

QC SAMPLE TYPE CODES:

DUPLICATE (DUP) EQUIPMENT BLANK (EB)
MATRIX SPIKE (MS) TRIP BLANK (TB)
MATRIX SPIKE DUP (MSD) FIELD BLANK (FB)

SAMPLING METHOD: MC

SAMPLING EQUIPMENT: 6610 DPT RIG

CONTAINER SIZE/TYPE	CONTAINER #	PRESERVATIVE/ PREPARATION	ANALYTICALMETHOD	ANAYLSIS	NOTES
4oz Glass	1	4°C	8330B	Explosives (RDX)	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS	MISCELLANEOUS
LITHOLOGIC DESCRIPTION: (OH) TOPSOIL: Organic soil, low to medium plasticity, low to medium toughness and dry strength, no dilatancy, dark brown, Moist	PID: 0.0 Odor: No Discernible Odor Other:

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR _____ OVERCAST/RAIN _____ WIND DIRECTION _____ AMBIENT TEMP _____

SHIPMENT VIA: FedEx ___X___ HAND DELIVER _____ COURIER _____ UPS _____

SHIPPED TO: __Katahdin Laboratory_____

TRACKING NUMBER:_____ COC NUMBER:_____

COMMENTS: _____

SAMPLER: __S. Cameron_____ OBSERVER: ____James Tinnell_ _____

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH TECHNOLOGY	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAB/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

LOCATION: Cornhusker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 20B	PROJECT NUMBER: 16-027

SAMPLE INFORMATION

SAMPLE ID: 20B-SB10-04	TIME: 7:20	DATE: 7/25/2018
QC SAMPLE: YES (X) NO ( )	MATRIX: SO	
QC SAMPLE ID: 20B-SB110-04	FIELD FILTERED: NA	
TYPE OF QC SAMPLE: Duplicate	BEGINNING DEPTH: 2 feet below top of borehole	
GRAB ( ) COMPOSITE (X)	END DEPTH: 4 feet below bottom of borehole	

QC SAMPLE TYPE CODES:

DUPLICATE (DUP) EQUIPMENT BLANK (EB)
MATRIX SPIKE (MS) TRIP BLANK (TB)
MATRIX SPIKE DUP (MSD) FIELD BLANK (FB)

SAMPLING METHOD: MC

SAMPLING EQUIPMENT: 6610 DPT RIG

CONTAINER SIZE/TYPE	CONTAINER #	PRESERVATIVE/ PREPARATION	ANALYTICALMETHOD	ANAYLSIS	NOTES
4oz Glass	1	4°C	8330B	Explosives (RDX)	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS	MISCELLANEOUS
LITHOLOGIC DESCRIPTION: (CL) LEAN CLAY (88%): Low to medium plasticity, high dry strength, medium toughness, 10% fine sand, no dilatancy, wet iron-stained coarse-sand sized clasts (2%). (2.5Y 4/3)	PID: 0.0 Odor: No Discernible Odor Other:

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR _____ OVERCAST/RAIN _____ WIND DIRECTION _____ AMBIENT TEMP _____

SHIPMENT VIA: FedEx ___X___ HAND DELIVER _____ COURIER _____ UPS _____

SHIPPED TO: __Katahdin Laboratory_____

TRACKING NUMBER:_____ COC NUMBER:_____

COMMENTS: _____

SAMPLER: __S. Cameron_____ OBSERVER: ____James Tinnell_ _____

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH TECHNOLOGY	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAB/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

LOCATION: Cornhusker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 20B	PROJECT NUMBER: 16-027

SAMPLE INFORMATION

SAMPLE ID: 20B-SB10-08	TIME: 7:25	DATE: 7/25/2018
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: NA	FIELD FILTERED: NA	
TYPE OF QC SAMPLE: NA	BEGINNING DEPTH: 6 feet below top of borehole	
GRAB ( ) COMPOSITE (X)	END DEPTH: 8 feet below bottom of borehole	

QC SAMPLE TYPE CODES:

DUPLICATE (DUP) EQUIPMENT BLANK (EB)
MATRIX SPIKE (MS) TRIP BLANK (TB)
MATRIX SPIKE DUP (MSD) FIELD BLANK (FB)

SAMPLING METHOD: MC

SAMPLING EQUIPMENT: 6610 DPT RIG

CONTAINER SIZE/TYPE	CONTAINER #	PRESERVATIVE/ PREPARATION	ANALYTICALMETHOD	ANAYLSIS	NOTES
4oz Glass	1	4°C	8330B	Explosives (RDX)	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS	MISCELLANEOUS
LITHOLOGIC DESCRIPTION: (CL) LEAN CLAY (88%): Low to medium plasticity, high dry strength, medium toughness, 10% fine sand, no dilatancy, wet iron-stained coarse-sand sized clasts (2%). (2.5Y 4/3)	PID: 0.0 Odor: No Discernible Odor Other:

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR _____ OVERCAST/RAIN _____ WIND DIRECTION _____ AMBIENT TEMP _____

SHIPMENT VIA: FedEx ___X___ HAND DELIVER _____ COURIER _____ UPS _____

SHIPPED TO: __Katahdin Laboratory_____

TRACKING NUMBER:_____ COC NUMBER:_____

COMMENTS: _____

SAMPLER: __S. Cameron_____ OBSERVER: ____James Tinnell_ _____

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH TECHNOLOGY	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAB/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

LOCATION: Cornhusker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 20B	PROJECT NUMBER: 16-027

SAMPLE INFORMATION

SAMPLE ID: 20B-SS11	TIME: 10:15	DATE: 8/13/2018
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: NA	FIELD FILTERED: NA	
TYPE OF QC SAMPLE: NA	BEGINNING DEPTH: Ground Surface	
GRAB ( ) COMPOSITE (X)	END DEPTH: 2 feet below bottom of borehole	

QC SAMPLE TYPE CODES:

DUPLICATE (DUP)	EQUIPMENT BLANK (EB)
MATRIX SPIKE (MS)	TRIP BLANK (TB)
MATRIX SPIKE DUP (MSD)	FIELD BLANK (FB)

SAMPLING METHOD: MC

SAMPLING EQUIPMENT: 6610 DPT RIG

CONTAINER		PRESERVATIVE/ PREPARATION	ANALYTICALMETHOD	ANAYLSIS	NOTES
SIZE/TYPE	#				
4oz Glass	1	4°C	8330B	Explosives (RDX)	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS	MISCELLANEOUS
LITHOLOGIC DESCRIPTION: (OH) TOPSOIL: Organic soil, low to medium plasticity, low to medium toughness and dry strength, no dilatancy, dark brown, Moist	PID: 0.0 Odor: No Discernible Odor Other:

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR _____ OVERCAST/RAIN _____ WIND DIRECTION _____ AMBIENT TEMP _____

SHIPMENT VIA: FedEx ___X___ HAND DELIVER _____ COURIER _____ UPS _____

SHIPPED TO: __Katahdin Laboratory_____

TRACKING NUMBER:_____ COC NUMBER:_____

COMMENTS: _____

SAMPLER: __S. Cameron_____ OBSERVER: ____James Tinnell_ _____

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH TECHNOLOGY	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAB/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

LOCATION: Cornhusker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 20B	PROJECT NUMBER: 16-027

SAMPLE INFORMATION

SAMPLE ID: 20B-SB11-04	TIME: 10:17	DATE: 8/13/2018
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: NA	FIELD FILTERED: NA	
TYPE OF QC SAMPLE: NA	BEGINNING DEPTH: 2 feet below top of borehole	
GRAB ( ) COMPOSITE (X)	END DEPTH: 4 feet below bottom of borehole	

QC SAMPLE TYPE CODES:

DUPLICATE (DUP) EQUIPMENT BLANK (EB)
MATRIX SPIKE (MS) TRIP BLANK (TB)
MATRIX SPIKE DUP (MSD) FIELD BLANK (FB)

SAMPLING METHOD: MC

SAMPLING EQUIPMENT: 6610 DPT RIG

CONTAINER		PRESERVATIVE/ PREPARATION	ANALYTICALMETHOD	ANAYLSIS	NOTES
SIZE/TYPE	#				
4oz Glass	1	4°C	8330B	Explosives (RDX)	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS	MISCELLANEOUS
LITHOLOGIC DESCRIPTION: (CL) LEAN CLAY (88%): Low to medium plasticity, high dry strength, medium toughness, 10% fine sand, no dilatancy, wet iron-stained coarse-sand sized clasts (2%). (2.5Y 4/3)	PID: 0.0 Odor: No Discernible Odor Other:

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR _____ OVERCAST/RAIN _____ WIND DIRECTION _____ AMBIENT TEMP _____

SHIPMENT VIA: FedEx ___X___ HAND DELIVER _____ COURIER _____ UPS _____

SHIPPED TO: __Katahdin Laboratory_____

TRACKING NUMBER:_____ COC NUMBER:_____

COMMENTS: _____

SAMPLER: __S. Cameron_____ OBSERVER: ____James Tinnell_ _____

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH TECHNOLOGY	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAB/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

LOCATION: Cornhusker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 20B	PROJECT NUMBER: 16-027

SAMPLE INFORMATION

SAMPLE ID: 20B-SB11-08	TIME: 10:21	DATE: 8/13/2018
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: NA	FIELD FILTERED: NA	
TYPE OF QC SAMPLE: NA	BEGINNING DEPTH: 6 feet below top of borehole	
GRAB ( ) COMPOSITE (X)	END DEPTH: 8 feet below bottom of borehole	

QC SAMPLE TYPE CODES:

DUPLICATE (DUP)	EQUIPMENT BLANK (EB)
MATRIX SPIKE (MS)	TRIP BLANK (TB)
MATRIX SPIKE DUP (MSD)	FIELD BLANK (FB)

SAMPLING METHOD: MC

SAMPLING EQUIPMENT: 6610 DPT RIG

CONTAINER		PRESERVATIVE/ PREPARATION	ANALYTICALMETHOD	ANAYLSIS	NOTES
SIZE/TYPE	#				
4oz Glass	1	4°C	8330B	Explosives (RDX)	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS	MISCELLANEOUS
LITHOLOGIC DESCRIPTION: (CL) LEAN CLAY (88%): Low to medium plasticity, high dry strength, medium toughness, 10% fine sand, no dilatancy, wet iron-stained coarse-sand sized clasts (2%). (2.5Y 4/3)	PID: 0.0 Odor: No Discernible Odor Other:

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR _____ OVERCAST/RAIN _____ WIND DIRECTION _____ AMBIENT TEMP _____

SHIPMENT VIA: FedEx ___X___ HAND DELIVER _____ COURIER _____ UPS _____

SHIPPED TO: __Katahdin Laboratory_____

TRACKING NUMBER:_____ COC NUMBER:_____

COMMENTS: _____

SAMPLER: __S. Cameron_____ OBSERVER: ____James Tinnell_ _____

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH TECHNOLOGY	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAB/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

LOCATION: Cornhusker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 20B	PROJECT NUMBER: 16-027

SAMPLE INFORMATION

SAMPLE ID: 20B-SB11-10	TIME: 10:25	DATE: 8/13/2018
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: NA	FIELD FILTERED: NA	
TYPE OF QC SAMPLE: NA	BEGINNING DEPTH: 8 feet below top of borehole	
GRAB ( ) COMPOSITE (X)	END DEPTH: 10 feet below bottom of borehole	

QC SAMPLE TYPE CODES:

DUPLICATE (DUP)	EQUIPMENT BLANK (EB)
MATRIX SPIKE (MS)	TRIP BLANK (TB)
MATRIX SPIKE DUP (MSD)	FIELD BLANK (FB)

SAMPLING METHOD: MC

SAMPLING EQUIPMENT: 6610 DPT RIG

CONTAINER		PRESERVATIVE/ PREPARATION	ANALYTICALMETHOD	ANAYLSIS	NOTES
SIZE/TYPE	#				
4oz Glass	1	4°C	8330B	Explosives (RDX)	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS	MISCELLANEOUS
LITHOLOGIC DESCRIPTION: (CL) LEAN CLAY (95%): Low to medium plasticity, medium toughness, medium dry strength, no dilatancy, dry, friable, fine sand (5%). (10GY 5/1)	PID: 0.0 Odor: No Discernible Odor Other:

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR _____ OVERCAST/RAIN _____ WIND DIRECTION _____ AMBIENT TEMP _____

SHIPMENT VIA: FedEx ___X___ HAND DELIVER _____ COURIER _____ UPS _____

SHIPPED TO: __Katahdin Laboratory_____

TRACKING NUMBER:_____ COC NUMBER:_____

COMMENTS: _Analysis held pending results of shallow samples_____

SAMPLER: __S. Cameron_____ OBSERVER: ____James Tinnell_ _____

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH TECHNOLOGY	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAB/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

LOCATION: Cornhusker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 20B	PROJECT NUMBER: 16-027

SAMPLE INFORMATION

SAMPLE ID: 20B-SS12	TIME: 9:45	DATE: 8/13/2018
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: NA	FIELD FILTERED: NA	
TYPE OF QC SAMPLE: NA	BEGINNING DEPTH: Ground Surface	
GRAB ( ) COMPOSITE (X)	END DEPTH: 2 feet below bottom of borehole	

QC SAMPLE TYPE CODES:

DUPLICATE (DUP) EQUIPMENT BLANK (EB)
MATRIX SPIKE (MS) TRIP BLANK (TB)
MATRIX SPIKE DUP (MSD) FIELD BLANK (FB)

SAMPLING METHOD: MC

SAMPLING EQUIPMENT: 6610 DPT RIG

CONTAINER		PRESERVATIVE/ PREPARATION	ANALYTICALMETHOD	ANAYLSIS	NOTES
SIZE/TYPE	#				
4oz Glass	1	4°C	8330B	Explosives (RDX)	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS	MISCELLANEOUS
LITHOLOGIC DESCRIPTION: (OH) TOPSOIL: Organic soil, low to medium plasticity, low to medium toughness and dry strength, no dilatancy, dark brown, Moist	PID: 0.0 Odor: No Discernible Odor Other:

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR _____ OVERCAST/RAIN _____ WIND DIRECTION _____ AMBIENT TEMP _____

SHIPMENT VIA: FedEx ___X___ HAND DELIVER _____ COURIER _____ UPS _____

SHIPPED TO: __Katahdin Laboratory_____

TRACKING NUMBER:_____ COC NUMBER:_____

COMMENTS: _____

SAMPLER: __S. Cameron_____ OBSERVER: ____James Tinnell_ _____

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH TECHNOLOGY	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAB/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

LOCATION: Cornhusker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 20B	PROJECT NUMBER: 16-027

SAMPLE INFORMATION

SAMPLE ID: 20B-SB12-04	TIME: 9:48	DATE: 8/13/2018
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: NA	FIELD FILTERED: NA	
TYPE OF QC SAMPLE: NA	BEGINNING DEPTH: 2 feet below top of borehole	
GRAB ( ) COMPOSITE (X)	END DEPTH: 4 feet below bottom of borehole	

QC SAMPLE TYPE CODES:

DUPLICATE (DUP) EQUIPMENT BLANK (EB)
MATRIX SPIKE (MS) TRIP BLANK (TB)
MATRIX SPIKE DUP (MSD) FIELD BLANK (FB)

SAMPLING METHOD: MC

SAMPLING EQUIPMENT: 6610 DPT RIG

CONTAINER		PRESERVATIVE/ PREPARATION	ANALYTICALMETHOD	ANAYLSIS	NOTES
SIZE/TYPE	#				
4oz Glass	1	4°C	8330B	Explosives (RDX)	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS	MISCELLANEOUS
LITHOLOGIC DESCRIPTION: (CL) LEAN CLAY (88%): Low to medium plasticity, high dry strength, medium toughness, 10% fine sand, no dilatancy, wet iron-stained coarse-sand sized clasts (2%). (2.5Y 4/3)	PID: 0.0 Odor: No Discernible Odor Other:

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR _____ OVERCAST/RAIN _____ WIND DIRECTION _____ AMBIENT TEMP _____

SHIPMENT VIA: FedEx ___X___ HAND DELIVER _____ COURIER _____ UPS _____

SHIPPED TO: __Katahdin Laboratory_____

TRACKING NUMBER:_____ COC NUMBER:_____

COMMENTS: _____

SAMPLER: __S. Cameron_____ OBSERVER: ____James Tinnell_ _____

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH TECHNOLOGY	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAB/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

LOCATION: Cornhusker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 20B	PROJECT NUMBER: 16-027

SAMPLE INFORMATION

SAMPLE ID: 20B-SB12-08	TIME: 9:52	DATE: 8/13/2018
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: NA	FIELD FILTERED: NA	
TYPE OF QC SAMPLE: NA	BEGINNING DEPTH: 6 feet below top of borehole	
GRAB ( ) COMPOSITE (X)	END DEPTH: 8 feet below bottom of borehole	

QC SAMPLE TYPE CODES:

DUPLICATE (DUP)	EQUIPMENT BLANK (EB)
MATRIX SPIKE (MS)	TRIP BLANK (TB)
MATRIX SPIKE DUP (MSD)	FIELD BLANK (FB)

SAMPLING METHOD: MC

SAMPLING EQUIPMENT: 6610 DPT RIG

CONTAINER		PRESERVATIVE/ PREPARATION	ANALYTICALMETHOD	ANAYLSIS	NOTES
SIZE/TYPE	#				
4oz Glass	1	4°C	8330B	Explosives (RDX)	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS	MISCELLANEOUS
LITHOLOGIC DESCRIPTION: (CL) LEAN CLAY (88%): Low to medium plasticity, high dry strength, medium toughness, 10% fine sand, no dilatancy, wet iron-stained coarse-sand sized clasts (2%). (2.5Y 4/3)	PID: 0.0 Odor: No Discernible Odor Other:

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR _____ OVERCAST/RAIN _____ WIND DIRECTION _____ AMBIENT TEMP _____

SHIPMENT VIA: FedEx ___X___ HAND DELIVER _____ COURIER _____ UPS _____

SHIPPED TO: __Katahdin Laboratory_____

TRACKING NUMBER:_____ COC NUMBER:_____

COMMENTS: _____

SAMPLER: __S. Cameron_____ OBSERVER: ____James Tinnell_ _____

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH TECHNOLOGY	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAB/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

LOCATION: Cornhusker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 20B	PROJECT NUMBER: 16-027

SAMPLE INFORMATION

SAMPLE ID: 20B-SB12-10	TIME: 9:55	DATE: 8/13/2018
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: NA	FIELD FILTERED: NA	
TYPE OF QC SAMPLE: NA	BEGINNING DEPTH: 8 feet below top of borehole	
GRAB ( ) COMPOSITE (X)	END DEPTH: 10 feet below bottom of borehole	

QC SAMPLE TYPE CODES:

DUPLICATE (DUP)	EQUIPMENT BLANK (EB)
MATRIX SPIKE (MS)	TRIP BLANK (TB)
MATRIX SPIKE DUP (MSD)	FIELD BLANK (FB)

SAMPLING METHOD: MC

SAMPLING EQUIPMENT: 6610 DPT RIG

CONTAINER		PRESERVATIVE/ PREPARATION	ANALYTICALMETHOD	ANAYLSIS	NOTES
SIZE/TYPE	#				
4oz Glass	1	4°C	8330B	Explosives (RDX)	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS	MISCELLANEOUS
LITHOLOGIC DESCRIPTION:	PID: 0.0
(CL) LEAN CLAY (95%): Low to medium plasticity, medium toughness, medium dry strength, no dilatancy, dry, friable, fine sand (5%). (10GY 5/1)	Odor: No Discernible Odor
	Other:

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR _____ OVERCAST/RAIN _____ WIND DIRECTION _____ AMBIENT TEMP _____

SHIPMENT VIA: FedEx ___X___ HAND DELIVER _____ COURIER _____ UPS _____

SHIPPED TO: __Katahdin Laboratory_____

TRACKING NUMBER:_____ COC NUMBER:_____

COMMENTS: _Analysis held pending results of shallow samples_____

SAMPLER: __S. Cameron_____ OBSERVER: ____James Tinnell_ _____

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH TECHNOLOGY	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAB/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

Tract – 20B Groundwater FSRs

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Groundwater Field Sampling Data Sheet

Well No.: VG2A-MW01	Site: CHAAP	Tract: 20B	Date: 6.4.18
Samplers: A. Hedgepeth		Project No.: DT3001	
Measured Well Depth and Condition of Bottom: 21.82' on 3.21.18			Sample Time: 1335
DTW (ft): 8.39	DTP (ft): 16.5'	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface: ~2.5' AGS		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: ~21.8		Type of Pump: QED SampPro Bladder Pump 1.75''	
Screen Interval (ft): ~11.8'		Weather (sun/clear, overcast/rain, wind direction, ambient temp): 70 F, P. Cloudy, South	
Well Diameter (in): 2''		Other: Purge Start time at 1255	
Placement of Pump (ft): 16.5'		Other: Controller Settings - 10/5 cycle, 4 lpm, 22 psi	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	S.Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
1300	8.39	150	0.75	7.18	14.52	1486	-223.7	0.81	22.6	
1305	8.39		1.5	7.16	14.68	1685	-230.4	0.72	17.4	
1310	8.39		2.25	7.16	14.71	1691	-235.1	0.65	15.6	
1315	8.39		3.0	7.09	14.23	1783	-243.9	0.59	14.9	
1320	8.39		3.75	7.04	13.84	1824	-246.4	0.54	14.5	
1325	8.39		4.5	7.09	13.93	1890	-260.3	0.54	13.7	
1330	8.37		5.25	7.10	13.98	1899	-264.5	0.53	13.3	
1335	8.39		6.0	7.10	13.90	1894	-268.2	0.49	14.1	

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes: (East)

Sampled for: VOCs, Explosives, PAHs, Metals, & Cr VI

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: LGSA-MW02	Site: CHAAP	Tract: 70B	Date: 6.4.18
Samplers: A. Hedgepeth		Project No.: AT3001	
Measured Well Depth and Condition of Bottom: 39.97 on 3.21.18			Sample Time: 1500
DTW (ft): 8.42	DTP (ft): 35'	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface: ~2.5 AGS		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: ~40		Type of Pump: QED SampPro Bladder Pump 1.75''	
Screen Interval (ft): ~30		Weather (sun/clear, overcast/rain, wind direction, ambient temp): 75°F, Sunny, windy South	
Well Diameter (in): 2''		Other: Purge Start time at 1420	
Placement of Pump (ft): 35'		Other: Controller Settings - 10/5 cycle, 4cpm, 24psi	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	S.Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
1425	8.42	150	.75	6.73	14.75	2799	-254.7	0.59	53.9	
1430	8.42		1.5	6.90	14.21	2818	-267.2	0.50	47.7	
1435	8.42		2.25	6.96	13.88	2821	-269.1	0.46	41.1	
1440	8.42		3.0	6.85	13.92	2826	-273.3	0.40	25.3	
1445	8.42		3.75	6.81	13.87	2825	-274.9	0.38	14.9	
1450	8.42		4.5	6.80	13.85	2825	-278.8	0.36	15.1	
1455	8.42		5.25	6.79	13.84	2824	-280.1	0.34	16.2	
1500	8.42		6.0	6.76	13.90	2825	-275.0	0.33	15.8	

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes: (weak)

Sampled for: VOCs, Explosives, PAHs, Metals, & Cr VI
& collected Field Duplicate

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: UG3A-MW03	Site: CHAAP	Tract: 20B	Date: 5.31.18
Samplers: A. Hedgepeth		Project No.: AT3001	
Measured Well Depth and Condition of Bottom: 22.55' on 3.21.18			Sample Time: 1415
DTW (ft): 8.03	DTP (ft): 17.5'	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface: ~2.5 AGS		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 22.5 BOS		Type of Pump: QED SampPro Bladder Pump 1.75''	
Screen Interval (ft): 12.5 TOS		Weather (sun/clear, overcast/rain, wind direction, ambient temp): 85°F Sunny South	
Well Diameter (in): 2''		Other: Purge Start time at 1330	
Placement of Pump (ft): 17.5'		Other: Controller Settings - 10/5 cycle, 4 gpm, 20 psi	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
1335	8.03	100	0.5	7.39	16.15	953	56.1	0.71	18.4	
1340	8.03	200	1.0	7.46	15.29	950	49.8	0.64	16.9	
1345	8.03		2.0	7.51	14.82	946	44.0	0.56	15.3	
1350	8.03		3.0	7.48	14.96	946	37.8	0.53	15.4	
1355	8.03		4.0	7.39	15.04	945	33.9	0.49	15.6	
1400	8.03		5.0	7.46	14.93	958	30.2	0.48	15.2	
1405	8.03		6.0	7.51	14.88	961	29.9	0.46	14.9	
1410	8.03		7.0	7.50	14.88	962	29.2	0.46	15.9	
1415	8.03		8.0	7.48	14.87	963	28.1	0.45	15.4	

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes:

Sampled for: VOCs, Explosives, PAHs, Metals, + Cr VI
+ collected triple volume for MS/MSD

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: 20B-LGSA-MW04	Site: CHAAP	Tract: 20B	Date: 5.31.18
Samplers: A. Hedgepath		Project No.: AT3001	
Measured Well Depth and Condition of Bottom: 38.8' TD from 3.21.18			Sample Time: 1225
DTW (ft): 8.08	DTP (ft): 33' BTOC	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface: ~2.5 AGS		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 38.8' BOS		Type of Pump: QED SampPro Bladder Pump 1.75''	
Screen Interval (ft): 28.8' TOS		Weather (sun/clear, overcast/rain, wind direction, ambient temp): 80°F Sun South	
Well Diameter (in): 2"		Other: Purge Start time at 1140	
Placement of Pump (ft): 33' BTOC		Other: Controller Settings - 10/5 cycle, 4 cpm, 25 psi	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± ~~0.5~~ 1.0 °C)	S. Cond (µS/cm) (± 3% or 0.01)	ORP (mV) (± 10mV or 10%)	DO (mg/L) (± 10% or ~~0.03~~ 0.3)	Turbidity (NTU) (~~±50~~ ±10 or ± 10%)	Note
1145	8.08	100	0.5	7.78	15.41	2621	99.9	1.47	66.6	
1150	8.08		1.0	7.95	15.40	2642	71.6	1.71	31.0	
1155	8.08		1.5	7.79	15.55	2650	49.9	1.42	28.9	
1200	8.08		2.0	7.68	15.62	2656	38.7	0.91	25.3	
1205	8.08		2.5	7.62	15.60	2659	32.1	0.83	21.1	
1210	8.08		3.0	7.59	15.49	2662	29.8	0.74	19.6	
1215	8.08		3.5	7.55	15.26	2663	23.5	0.69	17.4	
1220	8.08		4.0	7.53	15.38	2662	23.2	0.67	16.6	
1225	8.08		4.5	7.53	15.47	2660	20.5	0.65	15.9	
~~1230~~										
1235 DK										

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes: ___

Sampled for: VOCs, Explosives, Metals, C-VI, PAHs

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: UGSA-MW05	Site: CHAAP	Tract: 20B	Date: 6.1.18
Samplers: D. Hedgepeth		Project No.: AS3001	
Measured Well Depth and Condition of Bottom: 22.8' Hard on 3.21.18			Sample Time: 1220
DTW (ft): 7.82	DTP (ft): 18'	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface: ~2.5' AGS		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 22.5' BOS		Type of Pump: QED SampPro Bladder Pump 1.75''	
Screen Interval (ft): 12.5' TOS		Weather (sun/clear, overcast/rain, wind direction, ambient temp): 85 °F Sun, South	
Well Diameter (in): 2''		Other: Purge Start time at 1120	
Placement of Pump (ft): 18' BTOC		Other: Controller Settings - 10/5 cycle, 4gpm, 20psi	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± ~~0.5~~ 1.0 °C)	Sp. Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
1125	7.82	150	.75	7.20	15.30	2481	37.9	2.64	69.0	☒
1130	7.82		1.5	7.16	15.48	2490	33.2	1.78	58.3	
1135	7.82		2.25	7.13	15.63	2527	28.8	1.33	37.5	
1140	7.82		3.0	7.02	15.67	2574	27.1	1.08	34.3	
1145	7.82		3.75	7.00	15.78	2600	26.4	0.88	30.4	
1150	7.82		4.5	7.00	15.80	2643	25.6	0.84	24.1	
1155	7.82		5.25	6.97	16.04	2659	25.2	0.76	23.4	
1200	7.82		6.0	6.96	16.19	2670	24.9	0.72	21.7	
1205	7.82		6.75	6.96	14.63	2695	24.8	0.76	18.6	☐
1210	7.82		7.5	6.96	14.31	2700	24.4	0.74	17.8	
1215	7.82		8.25	6.94	13.98	2704	24.2	0.72	16.9	
1220	7.82		9.0	6.93	14.07	2709	23.9	0.68	16.2	

Observations

Color: Clear/Other (describe)
Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like
Notes: ☒ pump pulled due to leaking O-ring, fixed + resumed purge ☐ moved flow through cell out of sun
Sampled for: VOCs, Explosives, PAHs, + Metals
Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: LGSA-MW06	Site: CHAAP	Tract: 20B	Date: 6.1.18
Samplers: D. Hedgepeth		Project No.: A53001	
Measured Well Depth and Condition of Bottom: 40.0 Hard on 3.21.18			Sample Time: 1040
DTW (ft): 7.78	DTP (ft): 35. BTOC	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface: ~2.5' AGS		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 40' BTOC/BOS		Type of Pump: QED SampPro Bladder Pump 1.75''	
Screen Interval (ft): 30' TOS		Weather (sun/clear, overcast/rain, wind direction, ambient temp): 85°F South	
Well Diameter (in): 2"		Other: Purge Start time at 1000	
Placement of Pump (ft): 35.' BTOC		Other: Controller Settings - 10/5 cycle, 4 cpm, 25 psi	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
1005	7.78	150	.75	7.19	16.42	2506	36.1	3.64	12.98	
1010	7.78		1.5	7.12	16.15	2525	29.3	1.00	11.47	
1015	7.78		2.25	7.05	15.96	2543	27.8	1.04	6.66	
1020	7.78		3.0	7.03	15.69	2557	26.3	0.92	8.57	
1025	7.78		3.75	7.01	15.71	2561	24.9	0.71	7.96	
1030	7.78		4.5	7.01	15.92	2563	23.9	0.63	8.45	
1035	7.78		5.25	7.01	16.09	2564	23.2	0.61	9.23	
1040	7.78		6.0	6.99	16.16	2564	22.8	0.59	8.52	

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes:

Sampled for: VOCs, Metals, Explosives, + PAHs

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: USIA-MW07	Site: CHAAP	Tract: 20B	Date: 6.4.18
Samplers: A. Hedgepeth		Project No.: AT3001	
Measured Well Depth and Condition of Bottom: 25.44 on 3.~~17~~ 21.18			Sample Time: 1205
DTW (ft): 8.18	DTP (ft): 20' BTOC	FedEx: X UPS AH Hand Other	
MP Ht. Aboveground/Below Ground Surface: ~2.5 'AGS		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: ~20'		Type of Pump: QED SampPro Bladder Pump 1.75''	
Screen Interval (ft): 10'		Weather (sun/clear, overcast/rain, wind direction, ambient temp): 70° Overcast, South	
Well Diameter (in): 2"		Other: purge started at 1115	
Placement of Pump (ft): 20' BTOC		Other: 10/5 cycle, 4gpm, 22 psi	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Sp. Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
1120	8.18	150	.75	6.85	12.91	2880	-100.1	3.44	12.9	
1125	8.18		1.5	6.86	~~2884~~	2895	-129.8	2.93	11.8	13.24
1130	8.18		2.25	7.01	13.46	2909	-160.6	1.76	11.44	
1135	8.18		3.0	7.07	13.57	2933	-184.4	1.33	11.36	
1140	8.18		3.75	7.09	13.68	2943	-191.9	1.13	11.24	
1145	8.18		4.5	7.09	13.72	2948	-195.5	1.06	11.12	
1150	8.18		5.25	7.10	13.74	2951	-199.9	0.84	11.63	
1155	8.18		6.0	7.10	13.77	2952	-205.4	0.81	12.0	
1200	8.18		6.75	7.10	13.75	2954	-209.1	0.79	11.86	
1205	8.18		7.5	7.10	13.72	2954	-212.2	0.76	11.41	

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes: Sampled for VOCs, Explosives, Metals, & C.VI

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: MW08 LGIA-MW08AA	Site: CHAAP	Tract: 20B	Date: 6.1.18
Samplers: D. Hedgepeth		Project No.: 473081	
Measured Well Depth and Condition of Bottom: 39.5' Hard on 3.21.18			Sample Time: 1355
DTW (ft): 8.27	DTP (ft): 34.5'	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface: ~2.5' AGS		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 39.5 BOS		Type of Pump: QED SampPro Bladder Pump 1.75''	
Screen Interval (ft): 29.5 TOS		Weather (sun/clear, overcast/rain, wind direction, ambient temp): 85F, South, Sunny	
Well Diameter (in): 2"		Other: purge started @ 1315	
Placement of Pump (ft): 34.5' BTOC		Other: 10/5 cycle, 4gpm, 24 psi	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	S. Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
1320	8.27	150	.75	Readings not recorded						
1325	8.27		1.5	6.96	15.41	2581	39.1	0.88	14.3	
1330	8.27		2.25	6.98	15.47	2596	29.8	0.80	12.1	
1335	8.27		3.0	7.02	15.39	2611	24.1	0.71	11.0	
1340	8.27		3.75	7.04	15.32	2614	22.0	0.63	11.19	
1345	8.27		4.5	7.04	15.25	2616	20.4	0.57	10.91	
1350	8.27		5.25	7.10	15.29	2616	19.4	0.53	9.86	
1355	8.27		6.00	7.12	15.24	2622	18.9	0.52	10.34	
~~1400~~ AA										

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes: Sampled for VOCs, Explosives, PAHs, & Metals
- Collected EB after decanning pump

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: 20B-UGI-MW09	Site: CHAAP	Tract: 20B	Date: 8/8/18
Samplers: S. Cameron		Project No.: 16-027	
Measured Well Depth and Condition of Bottom:			Sample Time: 15:05
DTW (ft): 11.79	DTP (ft):	FedEx: _X_ UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface:		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth:		Type of Pump: QED SampPro Bladder Pump 1.75"	
Screen Interval (ft):		Weather (sun/clear, overcast/rain, wind direction, ambient temp):	
Well Diameter (in): 2"		Other:	
Placement of Pump (ft):		Other:	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
14:20	11.79	250	—	—	—	—	—	—	—	
14:25	11.79	250	1.25	7.21	12.75	0.688	-5.8	12.9	241	Cloudy
14:30	11.79	250	2.5	6.54	11.93	0.789	6.2	6.5	240	
14:35	11.79	250	3.75	6.56	11.92	1.187	-20.6	6.1	173	
14:40	11.79	250	5.0	6.58	11.92	1.219	-36.7	5.7	122	
14:45	11.79	250	6.25	6.63	11.90	1.341	-42.6	5.3	78.2	
14:50	11.79	250	7.5	6.67	11.88	1.328	-58.4	5.2	49.6	
14:55	11.79	250	8.75	6.68	11.87	1.329	-61.1	5.2	36.1	
15:00	11.79	250	10	6.70	11.85	1.331	-64.5	5.2	33.4	
15:05	11.79	250	11.25	6.72	11.84	1.332	-65.2	5.1	31.5	
Sampling										

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes:

Sampling for RDX

Purge Volume Calculations Well Casing Volume = $\pi (Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: 20B-UGIA-MW10	Site: CHAAP	Tract: 19B	Date: 8/8/18
Samplers: S. Gmeon		Project No.: 16-027	
Measured Well Depth and Condition of Bottom: 22.85 Hard			Sample Time: 12:50
DTW (ft): 12.18	DTP (ft):	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface:		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 22.85		Type of Pump: QED SampPro Bladder Pump 1.75"	
Screen Interval (ft): 12.5-22.5		Weather (sun/clear, overcast/rain, wind direction, ambient temp):	
Well Diameter (in): 2"		Other:	
Placement of Pump (ft): 17.5		Other:	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
12:10	12.18	250	—	—	—	—	—	—	—	
12:15	12.18	250	1.25	7.12	12.83	1.720	-48.6	16.1	65.0	
12:20	12.18	250	2.5	6.80	12.36	1.856	-47.0	9.7	92.3	
12:25	12.18	250	3.75	6.78	12.13	1.896	-53.2	8.4	93.1	
12:30	12.18	250	5.0	6.75	12.04	1.951	-61.1	7.7	95.5	
12:35	12.18	250	6.25	6.63	12.01	1.956	-68.4	7.1	38.4	
12:40	12.18	250	7.5	6.55	11.99	1.963	-72.0	6.5	29.3	
12:45	12.18	250	8.75	6.53	12.00	1.965	-74.2	6.3	17.6	
12:50	12.18	250	10	6.48	12.00	1.967	-75.0	6.2	14.5	
12:45	12.18	250	12.25	6.48	11.99	1.964	-76.1	6.1	13.8	
12:50	12.18	250	12.5	6.48	11.98	1.962	-76.6	6.0	13.5	
Sampling										

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes:

Sampling for ROX (Explosives)

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: 208-UGIA-MW11	Site: CHAAP Tract: 19B	Date: 8/8/18
Samplers: S. Cameron	Project No.: 16-027	
Measured Well Depth and Condition of Bottom: 22.30 Hard		Sample Time: 13:50
DTW (ft): 12.09 DTP (ft):	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface:	Sampling Method (G=grab, B=bailer, SP=submersible pump):	
Installed Well Depth: 22.30	Type of Pump: QED SampPro Bladder Pump 1.75"	
Screen Interval (ft): 12 – 22	Weather (sun/clear, overcast/rain, wind direction, ambient temp):	
Well Diameter (in): 2	Other:	
Placement of Pump (ft): 17	Other:	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
13:10	12.09	250	—	—	—	—	—	—	—	
13:15	12.09	250	1.25	7.23	13.37	0.834	-9.0	15.9	74.6	
13:20	12.09	250	2.5	7.07	12.87	0.812	-3.1	10.3	63.9	
13:25	12.09	250	3.75	6.89	12.64	0.828	-15.2	7.8	61.4	
13:30	12.09	250	5.0	6.69	12.42	0.840	-22.4	5.7	59.1	
13:35	12.09	250	6.25	6.70	12.43	0.845	-21.2	5.6	35.1	
13:40	12.09	250	7.5	6.71	12.44	0.849	-20.8	5.5	27.8	
13:45	12.09	250	8.75	6.73	12.45	0.853	-20.1	5.5	22.5	
13:50	12.09	250	10	6.73	12.45	0.858	-19.6	5.4	19.2	
13:50	12.09	250	11.25	6.74	12.46	0.859	-19.2	5.3	18.7	
Sampling										

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes:

Sampling for RDX

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

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Tract 21B: Backstop Berm – Surface and Subsurface Soil Field Sampling Records

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FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA /(BB)/ DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B- BB-SS01	TIME: 455 DATE: 5.15.18
QC SAMPLE: YES (X) NO ( )	MATRIX: SO
QC SAMPLE ID: CHAAP-21B-BB-SS01	FIELD FILTERED: YES ( ) NO (X)
TYPE OF QC SAMPLE: FD @ 1200	BEGINNING DEPTH: 0.0'
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or (SS)
	SAMPLING EQUIPMENT: HA or (DPT)

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	2 X	-	8330B	Explosives	
		-	6010	Metals	
		-	7196A	Hex Chrome	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: –
		PID: 0.0
		Other: –

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 65

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DH OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / (BB) / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B-BB-SB01	TIME: 900	DATE: 5.15.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 3 '	
GRAB (X) COMPOSITE ( )	END DEPTH: 4 '	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or (SS)	
	SAMPLING EQUIPMENT: HA or (DPT)	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		-	7196A	Hex Chrome	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: V. Dk Brn
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 65

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DH OBSERVER: XC

MATRIX TYPE CODES	
DC=DRILL CUTTINGS	SL=SLUDGE
WG=GROUND WATER	SO=SOIL
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER
SE=SEDIMENT	SW=SWAP/WIPE

SAMPLING METHOD/EQUIPMENT CODES	
B=BAILER	HA=HAND AUGER
BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
DPT=DIRECT PUSH	HP=HYDRO PUNCH
LF = LOW FLOW	ST= SHELBY TUBE
MC = MARCO CORE	SS=SPLIT SPOON
PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
PP = PERISTALTIC PUMP	
HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / (BB) / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B- BB-SS02	TIME: 910	DATE: 5.15.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (✓)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5 '	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or (SS)	
	SAMPLING EQUIPMENT: HA or (DPT)	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		~~-~~	~~7196A~~	~~Hex Chrome~~	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 65

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: KC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B- BB-SB02	TIME: 915 DATE: 5.15.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)
TYPE OF QC SAMPLE:	BEGINNING DEPTH: 3 '
GRAB (X) COMPOSITE ( )	END DEPTH: 4 '
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS
	SAMPLING EQUIPMENT: HA or DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
			~~7196A~~	~~Hex Chrome~~	
4x40mL VOA	3	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil v. DK Brw
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 65

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B- BB-5503	TIME: 935	DATE: 5.15.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (✓)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0 '	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5 '	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		-	7196A	Hex Chrome	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: v. Dk Brown
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B- BB -5B03	TIME: 940	DATE: 5.15.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (✓)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: ~~0.0'~~ 3' AH	
GRAB (X) COMPOSITE ( )	END DEPTH: ~~0.4'~~ 4' AH	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		-	7196A	Hex Chrome	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: L. DK Brown
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B-BB-SS04	TIME: 925	DATE: 5.15.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (✓)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5 '	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		-	7196A	Hex Chrome	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: V. Dk Brown
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR (✓) OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B- BB-SB04	TIME: 930	DATE: 5.15.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 3 '	
GRAB (X) COMPOSITE ( )	END DEPTH: 4 '	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		-	7196A	Hex Chrome	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: V. Dk Brown
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: ATW OBSERVER: X C

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B- BB-5505	TIME: 920	DATE: 5.15.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (✓)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5 '	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		-	7196A	Hex Chrome	
4x40mL VOA	6	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR (X) OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B- BB-SB05	TIME: 925	DATE: 5.15.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 3 '	
GRAB (X) COMPOSITE ( )	END DEPTH: 4 '	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		-	7196A	Hex Chrome	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: V. Dk Brown
		Odor: —
		PID: ~~0.0~~ 0.1
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: JC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B-BB-5506	TIME: 950	DATE: 5.15.18
QC SAMPLE: YES (✓) NO ( )	MATRIX: SO	
QC SAMPLE ID: CHAAP-21B-BB-55106	FIELD FILTERED: YES ( ) NO (✓)	
TYPE OF QC SAMPLE: FD e1200	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	2	-	8330B	Explosives	
		-	6010	Metals	
		-	7196A	Hex Chrome	
~~4x40mL VOA~~		~~DI / MEOH~~	~~8260~~	~~VOCs~~	
4oz Glass	2			SPLP metals	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: XL

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA /(BB)/ DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B- BB-SB06	TIME: 955	DATE: 5.15.18
QC SAMPLE: YES (✓) NO ( )	MATRIX: SO	
QC SAMPLE ID: MS/MSD	FIELD FILTERED: YES ( ) NO (✓)	
TYPE OF QC SAMPLE: MS/MSD	BEGINNING DEPTH: 3 '	
GRAB (X) COMPOSITE ( )	END DEPTH: 4 '	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or (SS)	
	SAMPLING EQUIPMENT: HA or (DPT)	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass 3	1	-	8330B	Explosives	
		-	6010	Metals	
		-	7196A	Hex Chrome	
~~4x40mL VOA~~		~~DI / MEOH~~	~~8260~~	~~VOCs~~	
4oz jar	3			SPLP metals	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: light gray
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR (✓) OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 70

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DH OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

Tract 21B: Backstop Berm – Groundwater Field Sampling Records

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Groundwater Field Sampling Data Sheet

Well No.: 21B-BB-UG1A-MW01	Site: CHAAP	Tract: 21B	Date: 6-19-18
Samplers: B. Hylinski		Project No.: 16-027	
Measured Well Depth and Condition of Bottom: 27.69			Sample Time: 12:55
DTW (ft): 17.90	DTP (ft): 22	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface:		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 27.69		Type of Pump: QED SampPro Bladder Pump 1.75"	
Screen Interval (ft): 17-27		Weather (sun/clear, overcast/rain, wind direction, ambient temp):	
Well Diameter (in): 2"		Other: Purge Start time at 12:15	
Placement of Pump (ft): 22		Other: Controller Settings - 25 PSI	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
12:15	17.90	-	-	-	-	-	-	-	-	
12:20	17.90	100	.5	7.06	12.67	1.429	-6.7	1.49	22.8	
12:25	17.90	400	2.5	6.94	12.58	1.504	-23.8	1.02	22.4	
12:30	17.90	400	4.5	6.93	12.78	1.558	-35.7	0.76	18.3	
12:35	17.90	400	6.5	6.95	12.66	1.593	-46.7	0.64	11.4	
12:40	17.90	400	8.5	6.94	12.74	1.608	-51.8	0.64	7.30	
12:45	17.90	400	10.5	6.94	12.74	1.615	-52.3	0.64	7.86	
12:50	17.90	400	12.5	6.94	12.75	1.619	-54.7	0.62	7.41	

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes:

Sampled for: VOCs, explosives, hex chrom, metals

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: 21B-BB-LGIA-MW02	Site: CHAAP	Tract: 21B	Date: 6-19-18
Samplers: B. Hylinski		Project No.: 16-027	
Measured Well Depth and Condition of Bottom: 50.82			Sample Time: 12:00
DTW (ft): 17.99	DTP (ft): 45	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface:		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 50.82		Type of Pump: QED SampPro Bladder Pump 1.75"	
Screen Interval (ft): 40-50		Weather (sun/clear, overcast/rain, wind direction, ambient temp):	
Well Diameter (in): 2"		Other: Purge Start time at 11:10	
Placement of Pump (ft): 45 ft		Other: Controller Settings - 23 PSI, 5-10 cycles, 4 cpm	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
11:10	17.99	100	—	—	—	✓	—	—	—	
11:15	17.97	300	0.5	7.13	13.03	1.582	-79.6	12	70.2	
11:20	17.97	300	2	7.09	12.93	1.592	-85.5	9.6	57.9	
11:25	17.97	300	3.5	7.06	12.92	1.604	-88.2	8.1	42.1	
11:30	17.97	300	5	7.06	13.12	1.619	-90.7	7.2	27.8	
11:35	17.97	300	6.5	7.07	13.09	1.631	-94.1	6.6	21	
11:40	17.97	300	8	7.08	13.06	1.632	-94.2	7.2	15.6	
11:45	17.97	300	9.5	7.08	13.02	1.634	-95.5	7.6	13.3	
11:50	17.97	300	11	7.08	13.04	1.640	-97.7	6.6	12.5	
11:55	17.97	300	12.5	7.09	13.98	1.641	-97.8	6.1	11.3	
12:00	17.97	300	14	7.09	13.00	1.642	-97.9	6.2	10	

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes:

Sampled for: VOCs, Explosives, Metals, Hexavalent Chromium

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: 21B-BB-UGTA-MW03	Site: CHAAP	Tract: 21B-BB	Date: 8/9/18
Samplers: S. Cameron		Project No.: 16-027	
Measured Well Depth and Condition of Bottom: 24.43			Sample Time: 14:15
DTW (ft): 17.08	DTP (ft): 19	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface:		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 24.43		Type of Pump: QED SampPro Bladder Pump 1.75"	
Screen Interval (ft): 14-24		Weather (sun/clear, overcast/rain, wind direction, ambient temp):	
Well Diameter (in): 2"		Other: Purge Start time at 13:15	
Placement of Pump (ft): 19		Other: Controller Settings - 10/5 @ 21 PSI	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
13:15	17.08	250	—	—	—	—	—	—	—	
13:20	17.08	250	1.25	6.95	14.43	1.322	-49.5	27.4	113	
13:25	17.08	250	2.5	6.82	13.64	1.272	-35.4	19.8	97.4	
13:30	17.08	250	3.75	6.65	12.90	1.210	-20.7	13.7	86.8	
13:35	17.08	250	5.0	6.43	12.91	1.376	1.4	12.1	69.5	
13:40	17.08	250	6.25	6.30	12.92	1.445	11.1	9.0	58.4	
13:45	17.08	250	7.5	6.29	12.63	1.621	14.2	8.4	33.2	
13:50	17.08	250	8.75	6.27	12.11	1.812	18.0	7.2	96.8	
13:55	17.08	250	10.0	6.29	12.14	1.562	18.3	7.1	57.4	
14:00	17.08	250	11.25	6.32	12.23	1.503	18.5	7.1	38.9	
14:05	17.08	250	12.5	6.36	12.28	1.496	18.6	7.0	27.3	
14:10	17.08	250	13.75	6.39	12.33	1.478	18.6	7.0	16.1	
14:15	17.08	250	15.0	6.39	12.31	1.478	18.8	7.1	8.43	
Sampling for Metals										

Observations

Color: Clear/Other (describe)
Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like
Notes:
Sampled for: Metals
Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: 21B-BB-LGIA-MW04	Site: CHAAP	Tract: 21B-BB	Date: 8/9/18
Samplers: S. Cameron		Project No.: 16-027	
Measured Well Depth and Condition of Bottom: 45.92 Hard			Sample Time: 13:10
DTW (ft): 16.79	DTP (ft): 40.5	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface:		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 45.9		Type of Pump: QED SampPro Bladder Pump 1.75"	
Screen Interval (ft): 35.5 - 45.5		Weather (sun/clear, overcast/rain, wind direction, ambient temp):	
Well Diameter (in): 2"		Other: Purge Start time at 12:15	
Placement of Pump (ft): 40.5		Other: Controller Settings - 10/5 24 PSI	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
12:15	16.79	250	—	—	—	—	—	—	—	
12:20	16.79	250	1.25	6.53	13.72	2.067	-22.4	18.7	155	
12:25	16.79	250	2.5	6.67	13.16	2.106	-35.7	14.2	129	
12:30	16.79	250	3.75	6.52	13.04	2.113	-43.2	13.8	113	
12:35	16.79	250	5.0	6.48	12.72	2.127	-57.6	12.6	108	
12:40	16.79	250	6.25	6.37	12.44	2.125	-61.3	11.7	63.5	
12:45	16.79	250	7.5	6.39	12.52	2.123	-62.1	8.7	55.8	
12:50	16.79	250	8.75	6.43	12.40	2.126	-64.5	7.8	36.1	
12:55	16.79	250	10.0	6.42	12.33	2.126	-65.4	7.5	28.5	
13:00	16.79	250	11.25	6.44	12.41	2.125	-65.6	6.8	19.1	
13:05	16.79	250	12.5	6.44	12.41	2.123	-66.3	7.2	17.9	
13:10	16.79	250	13.75	6.45	12.37	2.123	-67.9	6.5	18.4	
Sampling										

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes:

Sampled for: Metals

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Tract 21B: Burning Pit Area – Surface and Subsurface Soil Field Sampling Records

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FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B- BPA-SS~~04~~01	TIME: 1120	DATE: 5.15.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (✓)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5 '	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or (SS)	
	SAMPLING EQUIPMENT: HA or (DPT)	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
			~~7196A~~	~~Hex Chrome~~ (C.V1)	
4x40mL VOA	0	DI / MEOH	8260	VOCs	DH

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DH OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B-BPA-SB01-1	TIME: 1125	DATE: 5.15.18
QC SAMPLE: YES (X) NO ( )	MATRIX: SO	
QC SAMPLE ID: CHAAP-21B-BPA-SB101-1	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: FD 01200	BEGINNING DEPTH: 3 '	
GRAB (X) COMPOSITE ( )	END DEPTH: 4 '	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	2 ~~1~~	-	8330B	Explosives	
		-	6010	Metals	
		~~-~~	~~7196A~~	~~Hex Chrome~~ CrVI	
4x40mL VOA	0	DI / MEOH	8260	VOCs AM	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: m. gray
		Odor: –
		PID: 0.0
		Other:

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AM OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B-BPA-SB01-8	TIME: 1130	DATE: 5.15.18
QC SAMPLE: YES (✓) NO ( )	MATRIX: SO	
QC SAMPLE ID: ms/msD	FIELD FILTERED: YES ( ) NO (✓)	
TYPE OF QC SAMPLE: ms/msD	BEGINNING DEPTH: 7 '	
GRAB (X) COMPOSITE ( )	END DEPTH: 8 '	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass 3	X	-	8330B	Explosives	
		-	6010	Metals	
			~~7196A~~	~~Hex Chrome~~	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: m. gry
		Odor: –
		PID: 0.0
		Other: –

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B- BPA-550302	TIME: 1135 DATE: 5.15.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (✓)
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5 '
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS
	SAMPLING EQUIPMENT: HA or DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		~~-~~	~~7196A~~	~~Hex Chrome~~	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil - V Dk Brwn
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DH OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B-BPA-SB02-4	TIME: 1140	DATE: 5.15.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 3 '	
GRAB (X) COMPOSITE ( )	END DEPTH: 4 '	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		~~—~~	~~7196A~~	~~Hex Chrome~~	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: light Gray
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DH OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B- BPA-SB03-8	TIME: 1145 DATE: 5.15.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 7 '
GRAB (X) COMPOSITE ( )	END DEPTH: 8 '
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS
	SAMPLING EQUIPMENT: HA or DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		~~-~~	~~7196A~~	~~Hex Chrome~~	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: light Gray
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR (X) OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B-BPA-5503	TIME: 1200 DATE: 5.15.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS SAMPLING EQUIPMENT: HA or DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		~~—~~	~~7196A~~	~~Hex Chrome~~ C.VI AH	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil v. DK Brown
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 73

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AN OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B- BPA-SB03-4	TIME: 1205 DATE: 5.15.18
QC SAMPLE: YES (✓) ~~NO (✓)~~ AH	MATRIX: SO
QC SAMPLE ID: MS/MSD	FIELD FILTERED: YES ( ) NO (✓)
TYPE OF QC SAMPLE: MS/MSD	BEGINNING DEPTH: 3 '
GRAB (X) COMPOSITE ( )	END DEPTH: 4 '
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS SAMPLING EQUIPMENT: HA or DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass 3	X	-	8330B	Explosives	
		-	6010	Metals	
		-	~~7196A~~	~~Hex Chrome~~ C.VI	
4x40mL VOA	O	DI / MEOH	8260	VOCs AH	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: light Gray
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B- BPA-SB03-8	TIME: 1210 DATE: 5.15.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 7 '
GRAB (X) COMPOSITE ( )	END DEPTH: 8 '
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or (SS)
	SAMPLING EQUIPMENT: HA or (DPT)

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		-	~~7196A~~	~~Hex Chrome~~	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: light brown
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DK OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B- BPA-SS04	TIME: 1230	DATE: 5.15.18
QC SAMPLE: YES (✓) NO ( )	MATRIX: SO	
QC SAMPLE ID: CHAAP-21B-BPA-SS104	FIELD FILTERED: YES ( ) NO (✓)	
TYPE OF QC SAMPLE: FD 1200	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5 '	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or (SS)	
	SAMPLING EQUIPMENT: HA or (DPT)	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	2 1	-	8330B	Explosives	
		-	6010	Metals	
		~~—~~	~~7196A~~	~~Hex Chrome~~	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: V. Dk Brwn
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 80

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DH OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B- BPA-SB04-4	TIME: 1235 DATE: 5.15.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (✓)
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 3'
GRAB (X) COMPOSITE ( )	END DEPTH: 4'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS SAMPLING EQUIPMENT: HA or DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		~~—~~	~~7196A~~	~~Hex Chrome~~	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: light Gray
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ___ WIND DIRECTION ___ AMBIENT TEMP 80

SHIPMENT VIA: FedEx X HAND DELIVER ___ COURIER ___ UPS ___

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ___ COC NUMBER: ___

COMMENTS: ___

SAMPLER: AH OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B- BPA-SB04-8	TIME: 1240	DATE: 5.15.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (✓)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 7'	
GRAB (X) COMPOSITE ( )	END DEPTH: 8'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
			~~7196A~~	~~Hex Chrome~~	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: light Gray
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 80

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AR OBSERVER: KC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B-BPA-5505	TIME: 1300	DATE: 5.15.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (✓)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		-	7196A	Hex Chrome	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: v. Dk Brown
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR (✓) OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 40

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: KA OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B- BPA-SB05-4	TIME: 1305	DATE: 5.15.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (✓)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 3 '	
GRAB (X) COMPOSITE ( )	END DEPTH: 4 '	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		-	7196A	Hex Chrome	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: light Gray
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 80

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B-BPA-SB05-8	TIME: 1310	DATE: 5.15.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (✓)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 7 '	
GRAB (X) COMPOSITE ( )	END DEPTH: 8 '	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		~~—~~	~~7196A~~	~~Hex Chrome~~	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: light Gray
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 80

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DH OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B-5506	TIME: 1310	DATE: 5.15.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (✓)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		-	7196A	~~Hex Chrome~~	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: V. Dk Brown
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 80

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DH OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B-BPA-SB06-4	TIME: 1315	DATE: 5.15.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 3 '	
GRAB (X) COMPOSITE ( )	END DEPTH: 4 '	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		~~-~~	~~7196A~~	~~Hex Chrome~~	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: light Gray
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 80

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DK OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B- BPA-SB06-8	TIME: 1320	DATE: 5.15.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (✓)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 7 '	
GRAB (X) COMPOSITE ( )	END DEPTH: 8 '	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		~~—~~	~~7196A~~	~~Hex Chrome~~	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: light Gray
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 80

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DK OBSERVER: TC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B-BPA-5507	TIME: 1325	DATE: 5.15.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (✓)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0-5 '	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		~~-~~	~~7196A~~	~~Hex Chrome~~	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: V. Dk Brn
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DIRECTION AMBIENT TEMP 80

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: KA OBSERVER: JK

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B-BPA-SB07-4	TIME: 1328	DATE: 5.15.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (✓)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 3 '	
GRAB (X) COMPOSITE ( )	END DEPTH: 4 '	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		-	~~7196A~~	~~Hex Chrome~~	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: light gray / Dark Red
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 80

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DN OBSERVER: JC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B-BPA-SB07-8	TIME: 1330	DATE: 5.15.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 7 '	
GRAB (X) COMPOSITE ( )	END DEPTH: 8 '	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		~~-~~	~~7196A~~	~~Hex Chrome~~	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Light Gray / Dk Red
		Odor: —
		PID: 0.0
		Other:

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR (X) OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 80

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DK OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B-BPA-5508	TIME: 1335	DATE: 5.15.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5 '	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		-	7196A	Hex Chrome	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 80

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DH OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B-BPA-SB08-4	TIME: 1338	DATE: 5.15.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 3 '	
GRAB (X) COMPOSITE ( )	END DEPTH: 4 '	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		-	7196A	Hex Chrome	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: light Gray
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 80

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DKJ OBSERVER: JC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B-BPA-SB08-8	TIME: 1340 DATE: 5.15.18
QC SAMPLE: YES (X) NO ( )	MATRIX: SO
QC SAMPLE ID: CHAAP-EB-051518	FIELD FILTERED: YES ( ) NO (X)
TYPE OF QC SAMPLE: EB @ 1350	BEGINNING DEPTH: 7 '
GRAB (X) COMPOSITE ( )	END DEPTH: 8 '
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS SAMPLING EQUIPMENT: HA or DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
			~~7196A~~	~~Hex Chrome~~	
4x40mL VOA	0	DI / MEOH	8260	VOCs	
EB collected last decomed rod & collected in 2x1L Amber & 250 Poly					

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: light Gray
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ____ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 50

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DN OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B-BPA-5507	TIME: 1040	DATE: 5.15.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		~~-~~	~~7196A~~	~~Hex Chrome~~	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: v. Dk Brown
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AJ OBSERVER: XR

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B- BPA-SB09-S	TIME: 1045	DATE: 5.15.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (✓)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 4 '	
GRAB (X) COMPOSITE ( )	END DEPTH: 5 '	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
			~~7196A~~	~~Hex Chrome~~	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: M. Gray
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B-BPA-5510	TIME: 1030	DATE: 5.15.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5 '	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		-	7196A	Hex Chrome	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DJ OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B-BPA-SB10-S	TIME: 1035	DATE: 5.15.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (✓)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 4'	
GRAB (X) COMPOSITE ( )	END DEPTH: 5 '	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		-	7196A	Hex Chrome	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: M. Gray
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DH OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B- BPA-SS11	TIME: 838	DATE: 5.16.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (✓)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: ~~HA or SS~~ Spade	
	SAMPLING EQUIPMENT: ~~HA or DPT~~ Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		-	7196A	Hex Chrome	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: —
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B- BPA-5512	TIME: 840	DATE: 5.16.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: ~~HA or SS~~ Spoon	
	SAMPLING EQUIPMENT: ~~HA or DPT~~ Spoon	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
			~~7196A~~	~~Hex Chrome~~	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: —
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AK OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B ~~BPA~~ / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B-BPA-5513	TIME: 843	DATE: 5.16.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0 '	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5 '	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: ~~HA or SS~~ Scoop	
	SAMPLING EQUIPMENT: ~~HA or DPT~~ Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		~~—~~	~~7196A~~	~~Hex Chrome~~	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: —
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: tc

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B-BPA-5514	TIME: 845	DATE: 5.16.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (✓)	
TYPE OF QC SAMPLE:	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: ~~HA or SS~~ Spade	
	SAMPLING EQUIPMENT: ~~HA or DPT~~ Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
			~~7196A~~	~~Hex Chrome~~	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: —
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AN OBSERVER: DC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-~~BPA~~ / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B-BPA-5515	TIME: 850	DATE: 5.16.18
QC SAMPLE: YES (X) NO ( )	MATRIX: SO	
QC SAMPLE ID: CHAAP-21B-BPA-5515	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: FD 01200	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: ~~HA or SS~~ Spade	
	SAMPLING EQUIPMENT: ~~HA or DPT~~ Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	2 X	-	8330B	Explosives	
		-	6010	Metals	
		~~-~~	~~7196A~~	~~Hex Chrome~~	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: —
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B (BPA) / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B-BPA-5516	TIME: 853	DATE: 5.16.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: ~~HA or SS~~ Spade	
	SAMPLING EQUIPMENT: ~~HA or DPT~~ Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		~~-~~	~~7196A~~	~~Hex Chrome~~	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: —
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR (X) OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B-BPA-5517	TIME: 855	DATE: 5.16.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: ~~HA or SS~~ Spade	
	SAMPLING EQUIPMENT: ~~HA or DPT~~ Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		~~-~~	~~7196A~~	~~Hex Chrome~~	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: topsoil
		Odor: —
		PID: —
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR (X) OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: DH OBSERVER: [illegible]

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B- BPA-5518	TIME: 858	DATE: 5.16.18
QC SAMPLE: YES (✓) NO ( )	MATRIX: SO	
QC SAMPLE ID: CHAAP-EB-051618	FIELD FILTERED: YES ( ) NO (✓)	
TYPE OF QC SAMPLE: EB ~~@920~~ 910 AM	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: ~~HA or SS~~ Spoon	
	SAMPLING EQUIPMENT: ~~HA or DPT~~ Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
			~~7196A~~	~~Hex Chrome~~	
4x40mL VOA	0	DI / MEOH	8260	VOCs	
2x1L Amber & 250mL Poly collected from decanted Spade.					

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: —
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR X OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: TC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B-BPA-SS19	TIME: 825	DATE: 5.16.18
QC SAMPLE: YES (✓) NO ( )	MATRIX: SO	
QC SAMPLE ID: CHAAP-21B-BPA-SS119	FIELD FILTERED: YES ( ) NO (✓)	
TYPE OF QC SAMPLE: FD @ 1200	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: ~~HA or SS~~ Spade	
	SAMPLING EQUIPMENT: ~~HA or DPT~~ Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	2 ✗	-	8330B	Explosives	
		-	6010	Metals	
			~~7196A~~	~~Hex Chrome~~	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR (✓) OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-~~BPA~~ / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B- BPA-5520	TIME: 830	DATE: 5.16.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (✓)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: ~~HA or SS~~ Spade	
	SAMPLING EQUIPMENT: ~~HA or DPT~~ Spade	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		~~-~~	~~7196A~~	~~Hex Chrome~~	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: —
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: TC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B-BPA-5521	TIME: 1055	DATE: 5.15.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: ~	FIELD FILTERED: YES ( ) NO (✓)	
TYPE OF QC SAMPLE: ~	BEGINNING DEPTH: 0.0'	
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5'	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		~~-~~	~~7196A~~	~~Hex Chrome~~	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil w Dk Brown
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B- BPA-SB21-3	TIME: 1100	DATE: 5.15.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO	
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (✓)	
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 2 '	
GRAB (X) COMPOSITE ( )	END DEPTH: 3 '	
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS	
	SAMPLING EQUIPMENT: HA or DPT	

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		~~-~~	~~7196A~~	~~Hex Chrome~~	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: m. gray
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR (✓) OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AN OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B-BPA-SB21-6	TIME: 1105 DATE: 5.15.18
QC SAMPLE: YES ( ) NO (✓)	MATRIX: SO
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (✓)
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: ~~4~~ 5'
GRAB (X) COMPOSITE ( )	END DEPTH: ~~5~~ 6'
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: HA or SS SAMPLING EQUIPMENT: HA or DPT

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
			~~7196A~~	~~Hex Chrome~~	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: M. gray
		Odor: —
		PID: 0.0
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR ✓ OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx ✓X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AH OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

FIELD SAMPLING REPORT

LOCATION: Corn Husker AAP	PROJECT: CHAAP RI/FS
SITE: Tract 21B-BPA / BB / DS	PROJECT NUMBER: AT3001.05

SAMPLE INFORMATION

SAMPLE ID: CHAAP-21B- BPA-SZZ	TIME: 835 DATE: 5.16.18
QC SAMPLE: YES ( ) NO (X)	MATRIX: SO
QC SAMPLE ID: —	FIELD FILTERED: YES ( ) NO (X)
TYPE OF QC SAMPLE: —	BEGINNING DEPTH: 0.0'
GRAB (X) COMPOSITE ( )	END DEPTH: 0.5 '
QC SAMPLE TYPE CODES: DUPLICATE (DUP), MATRIX SPIKE (MS), MATRIX SPIKE DUP (MSD), EQUIPMENT BLANK (EB), TRIP BLANK (TB), FIELD BLANK (FB)	SAMPLING METHOD: ~~HA or SS~~ Spade SAMPLING EQUIPMENT: ~~HA or DPT~~ Spade

CONTAINER SIZE/TYPE	#	PRESERVATIVE/ PREPARATION	ANALYTICAL METHOD	ANAYLSIS	NOTES
8oz Glass	1	-	8330B	Explosives	
		-	6010	Metals	
		~~-~~	~~7196A~~	~~Hex Chrome~~	
4x40mL VOA	0	DI / MEOH	8260	VOCs	

NOTABLE OBSERVATIONS

SAMPLE CHARACTERISTICS		MISCELLANEOUS
		Color: Topsoil
		Odor: —
		PID: —
		Other: —

Comments:

GENERAL INFORMATION

WEATHER: SUN/CLEAR (X) OVERCAST/RAIN ____ WIND DIRECTION ____ AMBIENT TEMP 75

SHIPMENT VIA: FedEx X HAND DELIVER ____ COURIER ____ UPS ____

SHIPPED TO: Katahdin Laboratory

TRACKING NUMBER: ____ COC NUMBER: ____

COMMENTS: ____

SAMPLER: AK OBSERVER: XC

MATRIX TYPE CODES		SAMPLING METHOD/EQUIPMENT CODES	
DC=DRILL CUTTINGS	SL=SLUDGE	B=BAILER	HA=HAND AUGER
WG=GROUND WATER	SO=SOIL	BP = BLADDER PUMP	HSA=HOLLOW STEM AUGER
LH=HAZARDOUS LIQUID WASTE	GS=SOIL GAS	DPT=DIRECT PUSH	HP=HYDRO PUNCH
SH=HAZARDOUS SOLID WASTE	WS=SURFACE WATER	LF = LOW FLOW	ST= SHELBY TUBE
SE=SEDIMENT	SW=SWAP/WIPE	MC = MARCO CORE	SS=SPLIT SPOON
		PDB = PASSIVE DIFFUSION BAG	SP=SUBMERSIBLE PUMP
		PP = PERISTALTIC PUMP	
		HYD = HYDRASLEEVE	

Tract 21B: Burning Pit Area – Groundwater Field Sampling Records

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Groundwater Field Sampling Data Sheet

Well No.: 21B-BRA-UG1A-MW01	Site: CHAAP	Tract: 21B	Date: 6-14-18
Samplers: B. Hylinski		Project No.: 16-027	
Measured Well Depth and Condition of Bottom: 23.84 clean			Sample Time: 14:00
DTW (ft): 11.11	DTP (ft): 18	FedEx: _X_ UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface:		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 23.84		Type of Pump: QED SampPro Bladder Pump 1.75"	
Screen Interval (ft): 13-23		Weather (sun/clear, overcast/rain, wind direction, ambient temp):	
Well Diameter (in): 2"		Other: Purge Start time at 13:10	
Placement of Pump (ft): 18		Other: Controller Settings - 21 PSI	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
13:10	11.11	100	–	–	–	–	–	–	–	
13:15	11.11	200	.5	7.41	14.46	2.146	-83.3	3.01	60	
13:20	11.11	200	1.5	6.33	13.88	2.263	-34.9	1.48	37.1	
13:25	11.11	200	2.5	6.63	13.93	2.358	-55.3	0.71	24.9	
13:30	11.11	200	3.5	6.79	13.81	2.371	-59.1	0.60	22.5	
13:35	11.11	200	4.5	6.80	13.77	2.388	-68.8	0.29	18.7	
13:40	11.11	200	5.5	6.95	13.75	2.395	-75.7	0.17	14.7	
13:45	11.11	200	6.5	7.03	13.74	2.408	-84.5	0.16	10.9	
13:50	11.11	200	7.5	7.05	13.74	2.417	-85.1	0.16	6.83	
13:55	11.11	200	8.5	7.05	13.74	2.421	-85.9	0.15	5.41	

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes: MS/MSD collected

Sampled for: VOC's, explosives, metals, Hex. Chrom.

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: 21B-BPA-LG1A-MW02	Site: CHAAP	Tract: Tract 21B	Date: 6-14-18
Samplers: B. Hylinski		Project No.: 16-027	
Measured Well Depth and Condition of Bottom: 42.81			Sample Time: 12:30
DTW (ft): 10.93	DTP (ft): 37	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface:		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 42.81		Type of Pump: QED SampPro Bladder Pump 1.75"	
Screen Interval (ft): 32-42		Weather (sun/clear, overcast/rain, wind direction, ambient temp):	
Well Diameter (in): 2"		Other: Purge Start time at 11:25	
Placement of Pump (ft): 37		Other: Controller Settings - 25PSI	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
11:25	10.93	100	–	–	–	–	–	–	–	
11:30	10.90	200	.5	6.94	15.51	2.766	-77.3	1.23	49.5	
11:35	10.90	200	1.5	6.98	15.41	2.766	-81.9	1.01	48.1	
11:40	10.90	200	2.5	7.04	15.48	2.764	-86.5	0.86	42.4	
11:45	10.90	200	3.5	7.12	15.65	2.765	-92.5	0.73	30.1	
11:50	10.90	200	4.5	7.15	15.60	2.761	-93.6	0.64	27.4	
11:55	10.90	200	5.5	7.17	15.81	2.763	-94.1	0.60	24.7	
12:00	10.90	200	6.5	7.19	15.95	2.765	-94.6	0.51	20.5	
12:05	10.90	200	7.5	7.20	15.89	2.760	-97.0	0.46	18.1	
12:10	10.90	200	8.5	7.20	16.11	2.766	-93.8	0.42	14.5	
12:15	10.90	200	9.5	7.20	15.94	2.760	-93.3	0.40	12.7	
12:20	10.90	200	10.5	7.20	16.00	2.761	-93.0	0.40	11.1	
12:25	10.90	200	11.5	7.20	16.15	2.761	-92.9	0.40	9.8	

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes:

Sampled for: VOC's, explosives, metals, hex. chrom

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: 21B-BPA-U61A-MW03	Site: CHAAP	Tract: 21B	Date: 6-1-18
Samplers: S. Cameron B. Hylinski		Project No.: 16-027	
Measured Well Depth and Condition of Bottom: 22.82			Sample Time: 12:40
DTW (ft): 12.29	DTP (ft): 17	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface:		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 22.82		Type of Pump: QED SampPro Bladder Pump 1.75''	
Screen Interval (ft): 12-22		Weather (sun/clear, overcast/rain, wind direction, ambient temp):	
Well Diameter (in): 2"		Other: Purge Start time at 11:25	
Placement of Pump (ft): 17		Other: Controller Settings - 21 PSI	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
11:25	12.29	100	-	-	-	-	-	-	-	-
11:30	12.27	150	0.5	7.05	16.13	2456	11.1	3.29	144	
11:35	12.27	150	1.25	7.03	15.70	2518	-20.8	1.26	133	
11:40	12.27	150	2.00	7.02	15.03	2501	-41.9	0.78	99.6	
11:45	12.27	150	2.75	7.03	14.34	2469	-48.0	0.64	116	
11:50	12.27	150	3.50	7.04	13.52	2420	-53.6	0.47	95.4	
11:55	12.27	150	4.25	7.04	13.40	2413	-57.3	0.39	78.6	
12:00	12.27	400	5.50	7.04	13.45	2411	-61.6	0.34	64.2	
12:05	12.30	400	6.75	7.04	13.38	2408	-64.7	0.31	48.1	
12:10	12.30	400	8.00	7.05	13.40	2409	-67.1	0.29	39.1	
12:15	12.30	400	9.25	7.06	13.45	2407	-68.9	0.27	28	
12:20	12:30	400	10.50	7.06	13:41	2401	-71.2	0.24	19	
12:25	12.30	400	11.75	7.06	13.41	2397	-71.9	0.22	16.4	
12:30	12.30	400	13.00	7.04	13.36	2399	-72.9	0.19	11.7	
12:35	12.30	400	14.25	7.02	13.30	2399	-73.2	0.18	10	
12:40										

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes:

Sampled for: VOC's, explosives, metals

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: 21B-BPA-UG1A-MW03	Site: CHAAP	Tract: 21B	Date: 11-06-18
Samplers: Brant Hylinski		Project No.: 16-027	
Measured Well Depth and Condition of Bottom: 22.82 clean			Sample Time: 12:45
DTW (ft): 15.29	DTP (ft): ———	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface:		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth:		Type of Pump: QED SampPro Bladder Pump 1.75"	
Screen Interval (ft):		Weather (sun/clear, overcast/rain, wind direction, ambient temp):	
Well Diameter (in):		Other:	
Placement of Pump (ft):		Other:	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
12:00	15.32	—	—	7.02	12.46	3.298	84.3	1.93	315	
12:05	15.32	200	1	6.96	12.88	3.328	84.4	2.72	93.3	
12:10	15.32	↓	2	6.95	12.89	3.322	84.0	2.80	53.6	
12:15	15.32		3	6.96	12.59	3.301	84.7	2.89	54.3	
12:20	15.32		4	6.94	12.59	3.301	84.4	3.05	35.7	
12:25	15.32		5	6.94	12.61	3.308	82.7	3.23	31.3	
12:30	15.32		6	6.97	12.68	3.311	81.9	3.17	25.2	
12:35	15.32		7	6.99	12.71	3.317	82.0	3.53	21.3	
12:40	15.32		8	7.00	12.75	3.325	83.1	3.50	20.4	
12:45	15.32		9	7.00	12.80	3.329	83.8	3.49	19.8	

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes: PAHs collected

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: 21B-BPA-LG1A-MW04	Site: CHAAP	Tract: 21B	Date: 6-1-18
Samplers: X. Chagolla		Project No.: 16-027	
Measured Well Depth and Condition of Bottom: 42.84			Sample Time: 12:35
DTW (ft): 12.30	DTP (ft):	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface:		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 42.84		Type of Pump: QED SampPro Bladder Pump 1.75''	
Screen Interval (ft): 32-42		Weather (sun/clear, overcast/rain, wind direction, ambient temp):	
Well Diameter (in): 2"		Other: Purge Start time at 1115	
Placement of Pump (ft): 37		Other: Controller Settings - 25 PSI	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
1115	12.30	100	—	—	—	—	—	—	—	
1120	12.30	200	0.5	6.88	15.18	3.442	112.3	4.62	76.1	
1125	12.29	200	1.5	6.87	14.21	3.435	111.6	2.74	75.7	
1130	12.29	200	2.5	6.80	13.99	3.431	110.9	1.59	74.2	
11:35	12.29	20	3.5	6.77	13.58	3.422	103.3	1.06	68.3	
11:40	12.29	200	4.5	6.78	13.55	3.414	101.9	1.02	64.2	
11:45	12.29	200	5.5	6.78	13.47	3.407	100.4	.97	50.0	
11:50	12.29	200	6.5	6.78	13.54	3.406	99.4	.97	48.3	
11:55	12:29	200	7.5	6.79	13.47	3.402	97.6	.95	41.3	
12:00	12.29	200	8.5	6.78	13.45	3.391	96.5	.94	35.8	
12:05	12.29	200	9.5	6.79	13.47	3.387	95.4	.94	27.1	
12:10	12.29	200	10.5	6.75	13.43	3.386	93.4	.90	23.1	
12:15	12.29	200	11.5	6.82	13.38	3.382	92.4	.90	22.8	
12:20	12.29	200	12.5	6.83	13.48	3.383	90.4	.90	16.8	
12:25	12.29	200	13.5	6.83	13.39	3.380	89.2	.88	14.0	
12:30	12.29	200	14.5	6.83	13.41	3.383	86.4	.84	11.35	

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes:

Sampled for: VOC's, metals, explosives

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: 21B-BPA-LGIA-MW01	Site: CHAAP	Tract: 21B	Date: 6-1-18
Samplers: Cameron / Chagolla		Project No.: 16-027	
Measured Well Depth and Condition of Bottom: 42.84			Sample Time: 12:35
DTW (ft): 12.30	DTP (ft):	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface:		Sampling Method (G=grab, B=bailer, SP=submersible pump):	
Installed Well Depth: 42.84		Type of Pump: QED SampPro Bladder Pump 1.75''	
Screen Interval (ft): 32-42		Weather (sun/clear, overcast/rain, wind direction, ambient temp):	
Well Diameter (in): 2''		Other: Purge Start time at 11:15	
Placement of Pump (ft): 37		Other: Controller Settings - 25PSI	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
12:35	12.29	200	15.5	6.93	13.40	3.379	83.7	.80	10.3	

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes:

Sampled for: VOC's, metals, explosives

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: LGIA-MW05	Site: CHAAP	Tract: 21B-BPA	Date: 6.6.18
Samplers: A. Hedgepeth		Project No.: AT 3001	
Measured Well Depth and Condition of Bottom: 43.7' semi soft			Sample Time: 1045
DTW (ft): 11.74	DTP (ft): 38.5'	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface: ~2.5' AGS		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: ~43.7'		Type of Pump: QED SampPro Bladder Pump 1.75''	
Screen Interval (ft): ~33.7'		Weather (sun/clear, overcast/rain, wind direction, ambient temp): 75° Pcloudy, South	
Well Diameter (in): 2"		Other: Purge Start time at 1000	
Placement of Pump (ft): 38.5' BTOC		Other: Controller Settings - 10/5 cycle, 4cpm, 24 psi	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Sp. Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
1005	11.74	150	.75	7.00	15.01	2848	-40.1	2.69	40.2	
1010	11.74		1.5	7.01	15.27	2856	-59.4	1.38	37.8	
1015	11.74		2.25	7.02	15.59	2863	-86.4	0.99	38.1	
1020	11.74		3.0	7.02	15.81	2869	-99.0	0.91	37.4	
1025	11.74		3.75	7.00	16.20	2878	-110.1	0.80	30.9	
1030	11.74		4.5	6.98	16.31	2881	-117.5	0.73	26.4	
1035	11.74		5.25	7.01	16.12	2882	-124.9	0.64	21.3	
1040	11.74		6.0	7.03	15.98	2883	-129.1	0.61	20.1	
1045	11.74		6.75	7.04	15.74	2885	-131.6	0.59	19.7	

Observations

Color: Clear/Other (describe) light Gray

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes:

Sampled for: VOCs, Explosives, + metals

Collected EB off decomed pump

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: 21B-BPA-2GW-MW05	Site: CHAAP	Tract: 21B	Date: 11/5/18
Samplers: Brant Hylinski		Project No.: 16-027	
Measured Well Depth and Condition of Bottom: 43.71 clean			Sample Time: 15:00
DTW (ft): 14.86	DTP (ft):	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface:		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth:		Type of Pump: QED SampPro Bladder Pump 1.75"	
Screen Interval (ft):		Weather (sun/clear/overcast/rain, wind direction, ambient temp):	
Well Diameter (in):		Other:	
Placement of Pump (ft):		Other:	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
14:10	14.86	—	—	7.28	12.17	2.482	-97	1.82	915	
14:15	14.89	200	1	7.21	12.09	2.470	-98	0.97	375	
14:20	14.89		2	7.17	12.05	2.473	-99.7	1.21	136	
14:25	14.89		3	7.17	12.14	2.483	-100.1	1.64	74.9	
14:30	14.89		4	7.16	12.05	2.489	-101.6	1.42	41.2	
14:35	14.89		5	7.16	11.96	2.488	-101.7	0.67	28.8	
14:40	14.89		6	7.15	11.95	2.490	-101.3	0.78	21.8	
14:45	14.89		7	7.12	12.00	2.495	-100.6	0.56	18.7	
14:50	14.89		8	7.12	12.02	2.499	-100.2	0.59	16.9	
14:55	14.89		9	7.13	12.03	2.500	-100	0.50	14.6	
15:00	14.89		10							
		BHH								

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes: PAHs collected

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: 21B-BPA-UGWMW06	Site: CHAAP	Tract: 21B	Date: 6-18-18
Samplers: S. Cameron		Project No.: 16-027	
Measured Well Depth and Condition of Bottom: 22.84 Hard			Sample Time: 12:30
DTW (ft): 12.22	DTP (ft): 17	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface:		Sampling Method (G=grab, B=bailer, SP=submersible pump):	
Installed Well Depth: 22.84		Type of Pump: QED SampPro Bladder Pump 1.75"	
Screen Interval (ft): 12-22		Weather (sun/clear, overcast/rain, wind direction, ambient temp):	
Well Diameter (in): 2"		Other: Purge time: 11:25	
Placement of Pump (ft): 17'		Other: 24 PSI, 5-10 cycle, 4 cpm	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
11:25	12.22	100	—	—	—	—	—	—	—	
11:30	12.22	300	0.5	7.05	14.11	2.882	101.1	4.75	136.4	
11:35	12.20	400	2	6.75	13.70	2.882	112.9	5.30	98.8	
11:40	12.22	400	4	6.62	13.41	2.880	111.6	5.32	92.3	
11:45	12.21	400	6	6.59	13.27	2.872	111.4	5.35	88.8	
11:50	12.22	400	8	6.60	13.19	2.863	107.6	5.26	65.2	
11:55	12.22	400	10	6.61	13.07	2.854	101.4	5.18	53.6	
12:00	12.22	400	12	6.65	13.12	2.854	88.5	5.27	28.3	
12:05	12.22	400	14	6.71	13.14	2.866	75.0	5.41	23.9	
12:10	12.22	400	16	6.68	13.20	2.875	68.5	5.31	18.8	
12:15	12.22	400	18	6.69	13.18	2.883	62.1	5.28	12.2	
12:20	12.22	400	20	6.80	13.34	2.883	56.5	5.30	9.6	
12:25	12.22	400	22	6.52	13.24	2.883	55.4	5.35	8.7	
12:30	12.22	400	24	6.54	13.19	2.883	54.4	5.40	7.3	

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes:

Sampling for: Metals, Explosives, + Hex chrom.

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: 21B-BPA-UGW-MW07	Site: CHAAP	Tract: 21B	Date: 6-1-18
Samplers: S. Cameron B. Hylinski		Project No.: 16-027	
Measured Well Depth and Condition of Bottom: 22.70			Sample Time: 10:20
DTW (ft): 10.66	DTP (ft): 17	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface:		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 22.70		Type of Pump: QED SampPro Bladder Pump 1.75''	
Screen Interval (ft): 12-22		Weather (sun/clear, overcast/rain, wind direction, ambient temp):	
Well Diameter (in): 2"		Other: Purge Start time at 9:30	
Placement of Pump (ft): 17		Other: Controller Settings - 21PSI	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
9:30	10.66	100	–	–	–	–	–	–	–	
9:35	10.64	350	.5	6.97	12.74	2131	70.8	0.77	143	
9:40	10.64	350	1.7	6.88	12.58	2133	46.8	0.65	91	
9:45	10.62	350	2.9	6.87	12.59	2126	37.5	0.80	68.3	
9:50	10.62	350	4.1	6.88	12.53	2128	28.3	0.69	47	
9:55	10.62	350	5.3	6.90	12.63	2135	21.9	0.64	32.9	
10:00	10.62	350	6.5	6.91	12.60	2138	15.7	0.51	32.5	
10:05	10.62	350	7.7	6.93	12.57	2140	5.8	0.43	14.14	
10:10	10.62	350	8.9	6.93	12.63	2147	-1.2	0.38	9.07	
10:15	10.62	350	9.3	6.93	12.56	2149	-7.3	0.34	6.00	
10:20	10.62	350	10.5	6.92	12.63	2149	-11.5	0.31	5.99	

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes:

Sampled for: VOC's, explosives, metals

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: 21B-BPA-LGLA-MW8	Site: CHAAP	Tract: 21B	Date: 6-1-18
Samplers: S. Cameron B. Hylinski		Project No.: 16-027	
Measured Well Depth and Condition of Bottom: 41.20			Sample Time: 10:30
DTW (ft): 10.62	DTP (ft): 36	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface:		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 41.20		Type of Pump: QED SampPro Bladder Pump 1.75''	
Screen Interval (ft): 31-41		Weather (sun/clear, overcast/rain, wind direction, ambient temp):	
Well Diameter (in): 2"		Other: Purge Start time at 9:30	
Placement of Pump (ft): 36		Other: Controller Settings - 25 PSI	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
0930	10.62	100	—	—	—	—	—	—	—	
0935	10.85	200	0.5	6.82	14.29	2.680	-32.9	2.10	80.9	
0940	10.64	200	1.5	6.82	14.25	2.689	-41.6	1.48	79.2	
0945	10.64	200	2.5	6.85	14.22	2.703	-62.3	.64	67.7	
0950	10.64	200	3.5	6.89	14.19	2.704	-69.4	.51	61.6	
0955	10.64	200	4.5	6.87	14.18	2.710	-72.3	.45	46.6	
1000	10.64	200	5.5	6.92	14.26	2714	-78.8	.43	34.7	
1005	10.64	200	6.5	6.93	14.23	2720	-83.4	.43	26.2	
1010	10.64	200	7.5	6.95	14.24	2720	-85.1	.42	17.9	
1015	10.64	200	8.5	6.97	14.23	2725	-90.1	.41	11.9	
1020	10.64	200	9.5	6.97	14.24	2722	-91.3	.39	9.23	
1025	10.64	200	10.5	7.00	14.24	2723	-92.0	.39	9.8	
1030	10.64	200	11.5	7.00	14.23	2722	-94.6	.39	9.98	

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes:

Sampled for: VOCs, metals, explosives

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: 21B-BPA-VGIA-MW09	Site: CHAAP	Tract: 21B-BPA	Date: 8/13/18
Samplers: S. Cameron		Project No.: 16-027	
Measured Well Depth and Condition of Bottom: 22.67			Sample Time: 11:30
DTW (ft): 15.38	DTP (ft):	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface:		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 22.67		Type of Pump: QED SampPro Bladder Pump 1.75"	
Screen Interval (ft): 12.5-22.5		Weather (sun/clear, overcast/rain, wind direction, ambient temp):	
Well Diameter (in): 2		Other:	
Placement of Pump (ft): 17.5		Other:	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
11:00	15.38	250	—	—	—	—	—	—	—	
11:05	15.38	250	1.25	6.51	12.82	2.126	-8.1	2.89	10.6	
11:10	15.38	250	2.5	6.58	11.39	2.092	-33.7	1.70	7.89	
11:15	15.38	250	3.75	6.59	11.20	2.097	-41.6	1.33	10.3	
11:20	15.38	250	5.0	6.61	11.10	2.096	-48.4	1.19	9.24	
11:25	15.38	250	6.25	6.62	11.08	2.094	-50.7	1.14	7.58	
11:30	15.38	250	7.5	6.62	11.06	2.093	-52.2	1.04	1.32	
Sampling										

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes:

Sampled for Freon-113

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: 21B-BPA-LGIA-MW10 SPC	Site: CHAAP	Tract: 21B	Date: 8/9/18
Samplers: S. Cameron		Project No.: 16-027	
Measured Well Depth and Condition of Bottom: 46.78 Hard			Sample Time: 10:00
DTW (ft): 14.98	DTP (ft):	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface:		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 46.78		Type of Pump: QED SampPro Bladder Pump 1.75"	
Screen Interval (ft): 36.5 - 46.5		Weather (sun/clear, overcast/rain, wind direction, ambient temp):	
Well Diameter (in): 2"		Other:	
Placement of Pump (ft): 41.5		Other:	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (mS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
09:00	14.98	250	—	—	—	—	—	—	—	
09:05	14.98	250	1.25	6.37	13.49	1.759	75.5	25.1	63.0	
09:10	14.98	250	2.5	6.39	13.23	1.974	54.3	21.7	86.5	
09:15	14.98	250	3.75	6.44	13.09	2.209	22.7	17.8	108	
09:20	14.98	250	5.0	6.46	13.34	2.312	-29.2	8.8	70.9	
09:25	14.98	250	6.25	6.52	13.35	2.320	-37.0	8.6	63.6	
09:30	14.98	250	7.5	6.36	13.42	2.344	-41.1	8.2	41.6	
09:35	14.98	250	8.75	6.41	13.55	2.352	-48.6	8.8	34.2	
09:40	14.98	250	10.0	6.45	13.66	2.363	-55.7	7.2	29.4	
09:45	14.98	250	11.25	6.45	13.73	2.385	-59.2	7.3	21.6	
09:50	14.98	250	12.5	6.41	13.88	2.397	-61.7	7.4	18.7	
09:55	14.98	250	13.75	6.46	13.96	2.404	-62.1	7.4	15.6	
10:00	14.98	250	15	6.51	14.02	2.407	-63.8	7.5	8.2	
Sampling										

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes:

Sampling for Naphthalene ~~and RDX~~ SOC

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: 21B-BPA-UG1A-MW11	Site: CHAAP Tract: 21C	Date: 8-21-18
Samplers: Ross Schumacher	Project No.: 1854040	
Measured Well Depth and Condition of Bottom: 21.75		Sample Time: 10:30
DTW (ft): 16.64	DTP (ft): —	FedEx: X UPS ___Hand ___Other
MP Ht. Aboveground/Below Ground Surface:	Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth:	Type of Pump: QED SampPro Bladder Pump 1.75"	
Screen Interval (ft):	Weather (sun/clear, overcast/rain, wind direction, ambient temp):	
Well Diameter (in):	Other:	
Placement of Pump (ft):	Other:	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
9:40	16.64	—	—	6.64	13.66	2.805	77.0	0.36	9.68	
9:45	16.64	200	1.0	6.66	13.52	2.786	75.0	0.34	1.01	
9:50	16.65	"	2.0	6.69	13.41	2.766	70.2	0.34	1.08	
9:55	16.65	"	3.0	6.71	13.40	2.763	67.3	0.34	1.17	
10:00	16.65	"	4.0	6.72	13.43	2.763	64.1	0.34	0.93	
10:05	16.65	"	5.0	6.73	13.41	2.761	59.4	0.35	2.61	
10:10	16.65	"	6.0	6.75	13.57	2.771	53.5	0.33	1.59	

Observations

Color: Clear/Other (describe) Clear
Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like None
Notes:
Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: 21B-BPA-VGIA-MW12	Site: CHAAP	Tract: 21B-BPA	Date: 8/10/18
Samplers: S. Gomez		Project No.: 16-027	
Measured Well Depth and Condition of Bottom: 22.76			Sample Time: 09:00
DTW (ft): 16.19	DTP (ft):	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface:		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 22.76		Type of Pump: QED SampPro Bladder Pump 1.75"	
Screen Interval (ft): 12.5 – 22.5		Weather (sun/clear, overcast/rain, wind direction, ambient temp):	
Well Diameter (in): 2"		Other: Purge Start time at 0830	
Placement of Pump (ft): 17.5		Other: Controller Settings -	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
0830	16.19	250	—	—	—	—	—	—	—	
08:35	16.19	250	1.25	6.47	11.07	2,231	208.1	11.7	16.1	
08:40	16.19	250	2.5	6.55	10.69	2,211	194.0	11.8	13.4	
08:45	16.19	250	3.75	6.59	10.55	2,205	181.0	10.3	11.8	
08:50	16.19	250	5.0	6.60	10.51	2,203	173.2	10.0	10.1	
08:55	16.19	250	6.25	6.61	10.49	2,202	170.9	9.3	8.63	
09:00	16.19	250	7.5	6.61	10.48	2,201	169.4	9.1	9.41	
Sampling										

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes:

Sampled for: Freon-113 + RDX

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: PRGW 01	Site: CHAAP	Tract: 21B	Date: 6-18-18
Samplers: S. Cameron		Project No.: 16-027	
Measured Well Depth and Condition of Bottom: 29.71			Sample Time: 14:55
DTW (ft): 12.32	DTP (ft): 24	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface:		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth: 29.71		Type of Pump: QED SampPro Bladder Pump 1.75"	
Screen Interval (ft): 19-29		Weather (sun/clear, overcast/rain, wind direction, ambient temp):	
Well Diameter (in): 4"		Other: Purge time: 14:05	
Placement of Pump (ft): 24		Other: 25 PSI	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
14:05	12.32	100	–	–	–	–	–	–	–	
14:10	12.32	400	.5	7.07	13.55	2126	46.0	.99	11	
14:15	12.32	400	2.5	7.09	13.30	2115	20.0	.90	9.3	
14:20	12.32	400	4.5	7.07	13.18	2106	-7.4	.88	7.58	
14:25	12.32	400	6.5	7.07	13.02	2099	-87.5	.58	9.76	
14:30	12.32	400	8.5	7.08	13.08	2023	-123.6	.53	11.3	
14:35	12.32	400	10.5	7.06	13.06	2081	-130.8	.45	10	
14:40	12.32	400	12.5	7.05	13.04	2100	-144.5	.44	8.85	
14:45	12.32	400	14.5	7.05	13.07	2121	-147.7	.61	9	
14:50	12.32	400	16.5	7.07	13.15	2133	-155.4	.73	8.09	

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes:

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: PRG W01	Site: CHAAP	Tract: 21B	Date: 11-05-18
Samplers: Brant Hylinski		Project No.: 16-027	
Measured Well Depth and Condition of Bottom: 46.85 clean			Sample Time: 12:40
DTW (ft): 15.03	DTP (ft):	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface:		Sampling Method (G=grab, B=bailer, SP=submersible pump):	
Installed Well Depth:		Type of Pump: QED SampPro Bladder Pump 1.75"	
Screen Interval (ft):		Weather (sun/clear, overcast/rain, wind direction, ambient temp):	
Well Diameter (in):		Other:	
Placement of Pump (ft):		Other:	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
12:05	15.03	-	-	7.0	12.46	2.622	25.3	.99	147	
12:10	15.03	200	1	7.03	12.36	2.621	-46.9	0.82	28.2	
12:15	15.06		2	7.06	12.40	2.621	-63.5	0.58	20.1	
12:20	15.06		3	7.13	12.24	2.610	-69.1	0.50	16.6	
12:25	15.06		4	7.10	12.12	2.602	-73.1	0.49	14.5	
12:30	15.06		5	7.10	12.09	2.599	-73.0	0.51	14.1	
12:35	15.06		6	7.11	12.05	2.591	-72.0	0.54	13.5	
~~12:40~~										

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes: PAHs collected

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

Groundwater Field Sampling Data Sheet

Well No.: PRGW02	Site: CHAAP	Tract: 21B	Date: 6-18-18
Samplers: S. Cameron		Project No.: 16-027	
Measured Well Depth and Condition of Bottom: 45.34			Sample Time: 14:30
DTW (ft): 12.40	DTP (ft): 40'	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface:		Sampling Method (G=grab, B=bailer, SP=submersible pump):	
Installed Well Depth: 45.34		Type of Pump: QED SampPro Bladder Pump 1.75"	
Screen Interval (ft): 35-45'		Weather (sun/clear, overcast/rain, wind direction, ambient temp):	
Well Diameter (in): 2"		Other: Purge time: 13:20	
Placement of Pump (ft): 40'		Other: 23 PSI, 5-10 cycles, 4 cpm	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
13:20	12.40	100	0.5	7.22	15.53	2.561	-82.4	1.68	106.4	
13:25	12.41	300	2	7.25	15.28	2.558	-61.6	1.35	97.2	
13:30	12.41	400	4	7.28	15.08	2.542	-70.0	1.28	85.3	
13:35	12.41	400	6	7.30	15.45	2.544	-74.2	1.73	106	
13:40	12.41	400	8	7.32	15.42	2.542	-76.2	1.68	97.3	
13:45	12.41	400	10	7.34	15.41	2.541	-77.7	1.73	84.6	
13:50	12.41	400	12	7.34	15.35	2.531	-74.2	2.81	74.1	
13:55	12.41	400	14	7.33	15.41	2.527	-72.8	3.63	63.4	
14:00	12.41	400	16	7.32	15.55	2.525	-69.0	4.17	42.9	
14:05	12.41	400	18	7.31	15.47	2.521	-66.0	5.43	39.6	
14:10	12.42	400	20	7.30	15.38	2.518	-61.0	6.58	37.2	
14:15	12.42	400	22	7.23	15.49	2.496	-49	8.58	32.8	
14:20	12.42	400	24	7.34	15.43	2.505	-47	8.95	30.1	
14:25	12.42	400	26	7.20	15.44	2.512	-48	8.70	26.4	
14:30	12.42	400	28	7.41	15.52	2.496	-47	8.69	26.2	

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes:

Sampled for: VOCs, metals, explosives, DUP collected

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)

12.29 29.87
12.40

Groundwater Field Sampling Data Sheet

Well No.: PRGW02	Site: CHAAP	Tract: 21B	Date: 11-05-18
Samplers: Brant Hylinski		Project No.: 16-027	
Measured Well Depth and Condition of Bottom: 29.64 clean			Sample Time: 13:40
DTW (ft): 14.92	DTP (ft):	FedEx: X UPS ___Hand ___Other	
MP Ht. Aboveground/Below Ground Surface:		Sampling Method (G=grab, B=bailer, **SP=submersible pump**):	
Installed Well Depth:		Type of Pump: QED SampPro Bladder Pump 1.75"	
Screen Interval (ft):		Weather (sun/clear, overcast/rain, wind direction, ambient temp):	
Well Diameter (in):		Other:	
Placement of Pump (ft):		Other:	

Field Parameters

Time	Depth to Water (ft)	Flow Rate (ml/min)	Total Volume (L)	pH (± 0.1 units)	Temp (°C) (± 0.5 °C)	Cond (µS/cm) (± 3%)	ORP (mV) (± 10mV)	DO (mg/L) (± 10%)	Turbidity (NTU) (<50 or ± 10%)	Note
12:55	14.92	–	–	7.14	12.35	2.627	-66.1	0.73	13.9	
13:00	14.96	200	1	7.14	12.20	2.626	-95.5	0.54	10.5	
13:05	14.96	↓	2	7.13	12.09	2.623	-108.7	0.97	8.80	
13:10	14.96	↓	3	7.13	12.05	2.621	-112.7	1.65	8.46	
13:15	14.96	↓	4	7.14	12.04	2.620	-114.5	1.60	8.40	
13:20	14.96	↓	5	7.14	12.02	2.619	-115.9	4.75	6.60	
13:25	14.96	↓	6	7.13	12.05	2.619	-128.4	4.78	6.51	
13:30	14.96	↓	7	7.14	12.06	2.621	-129.9	4.71	6.38	
13:35	14.96	↓	8	7.14	12.07	2.625	-130.2	4.75	6.20	
13:40	14.96	↓	9	7.15	12.08	2.630	-131.9	4.76	6.19	

Observations

Color: Clear/Other (describe)

Odor: None/Low/Medium/High/Very Strong/H2S/Fuel-Like

Notes: PAH's collected

Purge Volume Calculations Well Casing Volume = J $(Rc)^2$ (well depth – static H_2O depth) x (conversion 7.48 gal/ft^3)