TABLE 1: BUDGET ESTIMATE 2015 Apron Area Amendment Supervision and Monitoring Program Cambridge Bay Airport, NU

Estimated Total Staff-Hours per Task

GRAND TOTAL (before GST)

\$42,435.76

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TASK DESCRIPTION	Hourly Rate	Principal	PM/Senior Professional	Intermediate Professional	CADD Draftsperson	Administration 63			Communications (2% of Labour)	Travel, Lab Fees, Shipping, Equipment Rentals* (see Table 2 for breakdown)	Disb Subtotal	TASK
												SUBTOTAL
Apron Area Amendment Supervision and Monitoring Program												
												,
1. Site Supervision Services during soil LTU amendments												
including Summary Reporting		4	60	15		10	89	\$11,135.00	222.70		222.70	11,357.70
Groundwater and Soil Monitoring including Reporting and Cost Estimate		4	60	20	12	12	108	\$12,820.00	256.40	18,001.66	18,258.06	31,078.06
										Subtotals		
TOTAL (by hours)		8.0	120.0	35.0	12.0	22.0	197.0	\$23,955.00	479.10	18,001.66	18,480.76	
TOTAL (by fees)		\$1,240	\$16,320	\$4,025	\$984	\$1,386			·	·		
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Notes:

^{*}As per our Contract No. EW699-121587/004/NCS Communications Costs will be recovered at a Firm Fixed Fee at 2% and Major Disbursements (materials, supplies, testing & analysis, equipment rentals, freight, subcontracting, subconsulting, one time large print jobs) will be recovered at a Firm Fixed Fee of 10% Assumes that all work will be conducted in 2015.

TABLE 2: DISBURSEMENTS ESTIMATE

Apron Area Amendment Supervision and Monitoring Program Cambridge Bay Airport, NU

Soil	Sampling	of Apron	LTU soils

CCME Hydrocarbon package, BTEX, F1-F4	Soil Sampling of Apron LTU soils			
Polycyclic Aromatic Hydrocarbon (PAHs)		Number of Samples	Unit Cost	
Total Kjeldahl Nitrogen (TKN) 6 \$27.00 \$162 Available Phosphate 6 \$22.00 \$132 Total Potassium 6 \$22.00 \$132 Subtotal \$1,671 Groundwater Sampling at Apron LTU (5 wells) Parameter Number of Samples Unit Cost Total Cost CCME Hydrocarbon package, BTEX, F1-F4 5 \$120.00 \$600 Oil and Grease 5 \$10.00 \$550 PAHs 5 \$110.00 \$550 Phenols 5 \$75.00 \$375 Routine Water Parameters including Ammonia Nitrogen 5 \$120.00 \$445 CCME Hydrocarbon package, BTEX, F1-F4 5 \$120.00 \$100 Subtotal \$2,775 Subtotal \$2,921 Subtotal \$2,921		6	*	\$591.00
Available Phosphate 6 \$22.00 \$132 Total Potassium 6 \$22.00 \$132 Total Potassium 8 \$22.00 \$132 Groundwater Sampling at Apron LTU (5 wells) Parameter Number of Samples Unit Cost Total Cost CCME Hydrocarbon package, BTEX, F1-F4 5 \$120.00 \$600 Oil and Grease 5 \$89.00 \$445 PH		6	·	\$654.00
Total Potassium 6 \$22.00 \$132		_		\$162.00
Subtotal \$1,671	Available Phosphate	6		\$132.00
State	Total Potassium	6	\$22.00	\$132.00
Number of Samples Unit Cost Total Cost			Subtotal	\$1,671.00
CCME Hydrocarbon package, BTEX, F1-F4 5 \$120.00 \$600 Oil and Grease 5 \$89.00 \$445 pH 5 \$10.00 \$550 PAHS 5 \$110.00 \$550 Phenols 5 \$22.00 \$110 Metals 5 \$75.00 \$375 Routine Water Parameters including Ammonia Nitrogen 5 \$89.00 \$445 Groundwater Sampling at Apron (4 wells plus one duplicate) Subtotal \$2,575 Groundwater Sampling at Apron (4 wells plus one duplicate) Unit Cost Total Cost CCME Hydrocarbon package, BTEX, F1-F4 5 \$120.00 \$600 Oil and Grease 5 \$89.00 \$445 pH 5 \$10.00 \$50 PAHs 5 \$110.00 \$50 Phenols 5 \$22.00 \$110 Metals 5 \$22.00 \$110 Metals 5 \$22.00 \$110 Routine Water Parameters including Ammonia Nitrogen 5 \$89.00	Groundwater Sampling at Apron LTU (5 wells)			
Oil and Grease 5 \$89.00 \$445 pH 5 \$10.00 \$50 PAHs 5 \$110.00 \$550 Phenols 5 \$22.00 \$110 Metals 5 \$75.00 \$375 Routine Water Parameters including Ammonia Nitrogen 5 \$89.00 \$445 Subtotal \$2,575 Groundwater Sampling at Apron (4 wells plus one duplicate) Parameter Number of Samples Unit Cost Total Cost CCME Hydrocarbon package, BTEX, F1-F4 5 \$120.00 \$600 Oil and Grease 5 \$89.00 \$445 pH 5 \$10.00 \$500 PAHs 5 \$110.00 \$550 Phenols 5 \$22.00 \$110 Metals 5 \$22.00 \$110 Metals 5 \$22.00 \$375 Routine Water Parameters including Ammonia Nitrogen 5 \$89.00 \$445 Subtotal \$5,150 </td <td></td> <td>Number of Samples</td> <td>Unit Cost</td> <td>Total Cost</td>		Number of Samples	Unit Cost	Total Cost
DH	CCME Hydrocarbon package, BTEX, F1-F4		\$120.00	\$600.00
PAHs	Oil and Grease	5	\$89.00	\$445.00
Phenols	pH	5	\$10.00	\$50.00
Metals 5 \$75.00 \$375 Routine Water Parameters including Ammonia Nitrogen 5 \$89.00 \$445 Groundwater Sampling at Apron (4 wells plus one duplicate) Parameter Number of Samples Unit Cost Total Cost CCME Hydrocarbon package, BTEX, F1-F4 5 \$120.00 \$600 Oil and Grease 5 \$89.00 \$445 pH 5 \$110.00 \$550 PAHs 5 \$110.00 \$550 Phenols 5 \$22.00 \$110 Metals 5 \$75.00 \$375 Routine Water Parameters including Ammonia Nitrogen 5 \$89.00 \$445 SUBTOTAL FOR ALL WELLS \$5,150 SUBTOTAL FOR ALL WELLS \$5,150 SUBTOTAL FOR LAB ANALYSES \$6,821 Estimated Courier Fees \$600 Multimeter/PID/Interface Probe Rentals and Bailers \$2,500 Subtotal \$9,921 10% disbursement fee \$992 Subtotal \$10,913 Tr	PAHs	5	\$110.00	\$550.00
Routine Water Parameters including Ammonia Nitrogen 5 \$89.00 \$445	Phenols	5	\$22.00	\$110.00
Subtotal \$2,575	Metals	5	\$75.00	\$375.00
Parameter Number of Samples Unit Cost Total Cost	Routine Water Parameters including Ammonia Nitrogen	5	\$89.00	\$445.00
Parameter Number of Samples Unit Cost Total Cost CCME Hydrocarbon package, BTEX, F1-F4 5 \$120.00 \$600 Oil and Grease 5 \$89.00 \$445 pH 5 \$10.00 \$50 PAHs 5 \$110.00 \$550 Phenols 5 \$22.00 \$110 Metals 5 \$75.00 \$375 Routine Water Parameters including Ammonia Nitrogen 5 \$89.00 \$445 Estimated Total \$2,575 SUBTOTAL FOR ALL WELLS \$5,150 SUBTOTAL FOR LAB ANALYSES \$6,821 Estimated Courier Fees \$600 Multimeter/PID/Interface Probe Rentals and Bailers \$2,500 Subtotal \$9,921 10% disbursement fee \$992 Subtotal \$10,913 Travel/Accomodations/Meals Qty (items, days) Unit Cost Total Cost			Subtotal	\$2,575.00
CCME Hydrocarbon package, BTEX, F1-F4 5 \$120.00 \$600 Oil and Grease 5 \$89.00 \$445 pH 5 \$10.00 \$50 PAHs 5 \$110.00 \$550 Phenols 5 \$22.00 \$110 Metals 5 \$75.00 \$375 Routine Water Parameters including Ammonia Nitrogen 5 \$89.00 \$445 Estimated Total \$2,575 SUBTOTAL FOR ALL WELLS \$5,150 SUBTOTAL FOR SOIL \$1,671 SUBTOTAL FOR LAB ANALYSES \$6,821 Estimated Courier Fees \$600 Multimeter/PID/Interface Probe Rentals and Bailers \$2,500 Subtotal \$9,921 10% disbursement fee \$992 Subtotal \$10,913 Travel/Accomodations/Meals Qty (items, days) Unit Cost Total Cost	Groundwater Sampling at Apron (4 wells plus one duplicate)	·		
Oil and Grease 5 \$89.00 \$445 pH 5 \$10.00 \$50 PAHS 5 \$110.00 \$550 Phenols 5 \$22.00 \$110 Metals 5 \$75.00 \$375 Routine Water Parameters including Ammonia Nitrogen 5 \$89.00 \$445 Estimated Total \$2,575 SUBTOTAL FOR ALL WELLS \$5,150 SUBTOTAL FOR CABA ANALYSES \$6,821 SUBTOTAL FOR LAB ANALYSES \$6,821 Estimated Courier Fees \$600 Multimeter/PID/Interface Probe Rentals and Bailers \$2,500 Subtotal \$9,921 10% disbursement fee \$992 Subtotal \$10,913 Travel/Accomodations/Meals Qty (items, days) Unit Cost Total Cost	Parameter	Number of Samples	Unit Cost	Total Cost
Oil and Grease 5 \$89.00 \$445 pH 5 \$10.00 \$50 PAHS 5 \$110.00 \$550 Phenols 5 \$22.00 \$110 Metals 5 \$75.00 \$375 Routine Water Parameters including Ammonia Nitrogen 5 \$89.00 \$445 Estimated Total \$2,575 SUBTOTAL FOR ALL WELLS \$5,150 SUBTOTAL FOR CABA ANALYSES \$6,821 SUBTOTAL FOR LAB ANALYSES \$6,821 Estimated Courier Fees \$600 Multimeter/PID/Interface Probe Rentals and Bailers \$2,500 Subtotal \$9,921 10% disbursement fee \$992 Subtotal \$10,913 Travel/Accomodations/Meals Qty (items, days) Unit Cost Total Cost	CCME Hydrocarbon package, BTEX, F1-F4	5	\$120.00	\$600.00
PAHs 5 \$110.00 \$550 Phenols 5 \$22.00 \$110 Metals 5 \$75.00 \$375 Routine Water Parameters including Ammonia Nitrogen 5 \$89.00 \$445 Estimated Total \$2,575 SUBTOTAL FOR ALL WELLS \$5,150 SUBTOTAL FOR SOIL \$1,671 SUBTOTAL FOR LAB ANALYSES \$6,821 Estimated Courier Fees \$600 Multimeter/PID/Interface Probe Rentals and Bailers \$2,500 Subtotal \$9,921 10% disbursement fee \$992 Subtotal \$10,913 Travel/Accomodations/Meals Qty (items, days) Unit Cost Total Cost		5	\$89.00	\$445.00
Phenols 5 \$22.00 \$110	pH Hq	5	\$10.00	\$50.00
Metals 5 \$75.00 \$375 Routine Water Parameters including Ammonia Nitrogen 5 \$89.00 \$445 Estimated Total \$2,575 SUBTOTAL FOR ALL WELLS \$5,150 SUBTOTAL FOR SOIL \$1,671 SUBTOTAL FOR LAB ANALYSES \$6,821 Estimated Courier Fees \$600 Multimeter/PID/Interface Probe Rentals and Bailers \$2,500 Subtotal \$9,921 10% disbursement fee \$992 Subtotal \$10,913 Travel/Accomodations/Meals Qty (items, days) Unit Cost Total Cost	PAHs	5	\$110.00	\$550.00
Routine Water Parameters including Ammonia Nitrogen 5 \$89.00 \$445 Estimated Total \$2,575 SUBTOTAL FOR ALL WELLS \$5,150 SUBTOTAL FOR SOIL \$1,671 SUBTOTAL FOR LAB ANALYSES \$6,821 Estimated Courier Fees \$600 Multimeter/PID/Interface Probe Rentals and Bailers \$2,500 Subtotal \$9,921 10% disbursement fee \$992 Subtotal \$10,913 Travel/Accomodations/Meals Qty (items, days) Unit Cost Total Cost	Phenols	5	\$22.00	\$110.00
Estimated Total \$2,575 SUBTOTAL FOR ALL WELLS \$5,150 SUBTOTAL FOR SOIL \$1,671 SUBTOTAL FOR LAB ANALYSES \$6,821 Estimated Courier Fees \$600 Multimeter/PID/Interface Probe Rentals and Bailers \$2,500 Subtotal \$9,921 10% disbursement fee \$992 Subtotal \$10,913 Travel/Accomodations/Meals Qty (items, days) Unit Cost Total Cost	Metals	5	\$75.00	\$375.00
SUBTOTAL FOR ALL WELLS \$5,150. SUBTOTAL FOR SOIL \$1,671. SUBTOTAL FOR SOIL \$1,671. SUBTOTAL FOR LAB ANALYSES \$6,821. Estimated Courier Fees \$600 Multimeter/PID/Interface Probe Rentals and Bailers \$2,500 Subtotal \$9,921 10% disbursement fee \$992 Subtotal \$10,913 Travel/Accomodations/Meals Qty (items, days) Unit Cost Total Cost	Routine Water Parameters including Ammonia Nitrogen	5	\$89.00	\$445.00
SUBTOTAL FOR SOIL \$1,671. SUBTOTAL FOR LAB ANALYSES \$6,821. Estimated Courier Fees \$600 Multimeter/PID/Interface Probe Rentals and Bailers \$2,500 Subtotal \$9,921 10% disbursement fee \$992 Subtotal \$10,913 Travel/Accomodations/Meals Qty (items, days) Unit Cost Total Cost			Estimated Total	
SUBTOTAL FOR LAB ANALYSES \$6,821. Estimated Courier Fees \$600 Multimeter/PID/Interface Probe Rentals and Bailers \$2,500 Subtotal \$9,921 10% disbursement fee \$992 Subtotal \$10,913 Travel/Accomodations/Meals Qty (items, days) Unit Cost Total Cost			SUBTOTAL FOR ALL WELLS	\$5,150.00
Estimated Courier Fees \$600				
Multimeter/PID/Interface Probe Rentals and Bailers \$2,500 Subtotal \$9,921 10% disbursement fee \$992 Subtotal \$10,913 Travel/Accomodations/Meals Qty (items, days) Unit Cost Total Cost				\$6,821.00
Subtotal \$9,921 10% disbursement fee \$992 Subtotal \$10,913 Travel/Accomodations/Meals Qty (items, days) Unit Cost Total Cost	Estimated		Estimated Courier Fees	\$600.00
Subtotal \$9,921 10% disbursement fee \$992 Subtotal \$10,913 Travel/Accomodations/Meals Qty (items, days) Unit Cost Total Cost		Multimeter/PID/Interfa	\$2,500.00	
10% disbursement fee \$992 Subtotal \$10,913 Travel/Accomodations/Meals Qty (items, days) Unit Cost Total Cost				
Travel/Accomodations/Meals Qty (items, days) Unit Cost Total Cost			10% disbursement fee	
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