NWB Annua	Report	Year being reported: 2007 ▼
License No:	1BR-SAR0607	Issued Date: July 14, 2006 Expiry Date: December 31, 2007
	Project Name:	CAM-F Sarcpa Lake Remediation Project
	Licensee: Indian	n and Northern Affairs Canada
	Mailing Address:	PO Box 2200 Iqaluit NU X0A 0H0
		r filing Annual Report (if different from Name of Licensee please clarify the two entities, if applicable):

### General Background Information on the Project (\*optional):

The CAM-F Intermediate Distant Early Warning (DEW) Line Site was constructed in 1957 and subsequently abandoned in 1963. It was converted to a scientific research station in 1977 under the Science Institute of the Northwest Territories and Canada, Department of Indian and Northern Affairs and operated seasonally until 1988. The site is located on the Melville Peninsula, approximately 85 km west of Hall Beach, and 100 km south-west of Igloolik, Nunavut.

Both years of the planned two year remediation phase of the CAM-F Sarcpa Lake Remediation Project have been completed. The only aspect of the project that remains to be completed is the demobilization which is scheduled for March/April 2008.

Licence Requirements: the licensee must provide the following information in accodance with

Part B ▼ Item 2 ▼

A summary report of water use and waste disposal activities, including, but not limited to: methods of obtaining water; sewage and greywater management; drill waste management; solid and hazardous waste management.

Water Source(s):

Water Body Near Airstrip
Water Body North West of Secure Soil Disposal Facility
Sarcpa Lake (See daily water log on pages 14-15)

Water Quantity:

Quantity Allowable Domestic (cu.m)
Actual Quantity Used Domestic (cu.m)
Quantity Allowable Drilling (cu.m)
Total Quantity Used Drilling (cu.m)

Waste Management and/or Disposal  Solid Waste Disposal  Sewage  Drill Waste  Greywater  Hazardous
Uther: Additional Details:
Soild waste from the Camp was landfilled in the Non-Hazardous Waste Landfill. Sewage and Greywater was treated with the Biogreen treatment unit and transferred into a temporary sewage lagoon where it was treated with chlorine and alum. Once Discharge Criteria were met the wastewater was discharged, after the final wastewater discharge the lagoon was backfilled and closed. Wastewater from the processing of barrels was directed to storage ponds where it was treated, sampled and discharged upon meeting the Wastewater Discharge Criteria. All Hazardous Wastes were properly packaged and stored; these will be shipped to southern disposal facilities in 2008. The CEPA soils are going to Récupère Sol Inc. in Saint-Ambroise, Quebec, the PCB amended materials are going to Material Resource Recovery in Cornwall, Ontario, and the consolidated waste from the drums is going to Recubec in Montreal, Quebec. Analytical results can be found in Appendix 2.
A list of unauthorized discharges and a summary of follow-up actions taken.
Spill No.:    N/A
Spill No.:    N/A
Spill No.:  N/A  Date of Spill:  July 3, 2007  Date of Notification to an Inspector:  Additional Details: (impacts to water, mitigation measures, short/long term monitoring, etc)  Approximately 10 litres of hydraulic oil was spilled near the Garage when one of the excavator's hydraulic lines broke. The spill was contained and cleaned using absorbent pads. The absorbent pads and contaminated soil were containerized for disposal.

Spill No.:	N/A	(as reported to the Spill Hot-line)							
Date of Spill:	July 5, 2007								
Date of Notific	cation to an Inspector	: N/A							
Additional Def	tails: (impacts to water, m	nitigation measures, short/long term monitoring, etc)							
Approximately 10 litres of oil was spilled within Borrow Area #6 when a barrel was									
struck by a piece of heavy equipment. The spill was contained and cleaned using									
absorbent pads. The absorbent pads and contaminated soil were containerized for									
disposal.	·								
•									
Spill No.:	N/A	(as reported to the Spill Hot-line)							
Date of Spill:	July 6, 2007								
	cation to an Inspector	: N/A							
	·	nitigation measures, short/long term monitoring, etc)							
		oil was spilled on the Camp Access Road due to a							
		e. Granular absorbent was spread on the spill,							
	d soil were containeri	·							
Spill No.:	N/A	(as reported to the Spill Hot-line)							
Date of Spill:	July 8, 2007								
Date of Notific	cation to an Inspector	: N/A							
	·	nitigation measures, short/long term monitoring, etc)							
		oil was spilled on the east side of the Secure Soil							
		hose on a piece of heavy equipment split. The spill							
	-	absorbent pads. The absorbent pads and							
	soil were containeriz								
00.110.11110.0		ion disposali							
Spill No.:	N/A	(as reported to the Spill Hot-line)							
Date of Spill:									
•	cation to an Inspector	: N/A							
	·	nitigation measures, short/long term monitoring, etc)							
		I was spilled in the Station Area due to the							
		over the winter. Absorbent pads were used to							
	-	excavated and containerized for disposal.							
Concot and had	<u> </u>	wood and contamonized for disposal.							
Spill No.:	N/A	(as reported to the Spill Hot-line)							
	July 10, 2007	(44 14 14 14 14 14 14 14 14 14 14 14 14 1							
	cation to an Inspector	: N/A							
		nitigation measures, short/long term monitoring, etc)							
		ing leveling and an unquantified volume of sewage							
		the impacted area was covered with 300mm of							
clean fill mate	•	the impublica area was covered with occinin of							
cicari illi illate	·II al.								
Spill No.:	N/A	(as reported to the Spill Hot-line)							
		(do reported to the opin rist into)							
Date of Spill: July 12, 2007  Date of Notification to an Inspector: N/A									
Additional Details: (impacts to water, mitigation measures, short/long term monitoring, etc)									
		unknown quantity of sewage leaked. The line was							
repaired and the impacted area was covered with 30mm of clean fill material.									

	Spill No.: [N/A [(as reported to the Spill Hot-line)
	Date of Spill: July 14, 2007
	Date of Notification to an Inspector: N/A
	Additional Details: (impacts to water, mitigation measures, short/long term monitoring, etc)
	Approximately 10 litres of fuel spilled in the area of the POL Tank line when the line
	was cut at a low point. The vacuum unit was used to collect the free product and the
	contaminated soil was excavated and containerized for disposal.
<b>Revisions to</b>	the Spill Contingency Plan
	SCP submitted and approved - no revision required or proposed   ▼
	Additional Details:
	Additional Details.
Revisions to	the Abandonment and Restoration Plan
	AR plan submitted and approved - no revision required or proposed
	Additional Details:

#### **Progressive Reclamation Work Undertaken**

Additional Details (i.e., work completed and future works proposed)

#### WORK COMPLETED

- Camp set up
- Initial levelling
- Access road improvement
- Generator set up
- Camp module installation
- Waste water lagoon construction
- Fuel storage facility construction
- Communication system set up and operation
- Incinerator set up and operation
- Closure
- Debris removal and disposal
- Assessment of debris
- Collection and disposal of non-hazardous debris
  - Scattered debris (2000 cubic metres)
  - Drums (~10,000)
- Consolidation of liquids in drums, equipment & tanks
- Cleaning of contaminated debris
- Treatment of contaminated water from cleaning
- Debris removal in and around Sarcpa Lake using a barge and tugboat
  - Drums (~700), wood & steel (See pages 10-13 for more information)
- All debris was disposed of in the Non-Hazardous Waste Landfill
- Demolition work
- Asbestos removal
- PCB contaminated concrete removal & containerization
- PCB amended painted material removal & containerization
- Structural demolition (Module Train, Warehouse, Garage, POL Tanks, Quonset House)
- Renovation of the Inuit House into a Hunting Shelter for use by the Hall Beach HTO
- Hazardous materials have been packaged for disposal at a southern facility and will be shipped off site in March/April 2008
- Construction of disposal facilities and waste processing area
- Initial survey & facility location
- Borrow area development
- Key trench excavation
- Granular material production placement and compaction
- Construction of water lagoon and lined processing area
- Closure of water lagoon and lined processing area
- Secure Soil Disposal Facility construction completed
  - Contains 3444 cubic metres of soil
- Non-Hazardous Waste Landfill completed
  - Contains ~3000 cubic metres of non-hazardous debris

## **FUTURE WORK PROPOSED**

- Demobilization (April 2008)
- Remove equipment from site
- Transport hazardous material south for proper disposal
- Long-Term Monitoring (August 2008)
- Start 25-year long-term monitoring plan

# Results of the Monitoring Program including:

	The GPS Co-ordinates (in degrees, minutes and seconds of latitude and lo location where sources of water are utilized;	
	Details attached	▼ .
	Additional Details:	
	See GPS Co-ordinates on page 9	
	The GPS Co-ordinates (in degrees, minutes and seconds of latitude and location where wastes associated with the licence are deposited;	ngitude) of each
	Details attached	▼.
	Additional Details:	
	See GPS Co-ordinates on page 9	
	Results of any additional sampling and/or analysis that was requested by	an Inspector
	No additional sampling requested by an Inspector or the Board	▼
	Additional Details: (date of request, analysis of results, data attached, etc)	
Any other d reported.	etails on water use or waste disposal requested by the Board by November	1 of the year being
	No additional sampling requested by an Inspector or the Board	▼
	Additional Details: (Attached or provided below)	

#### Any responses or follow-up actions on inspection/compliance reports

Inspection and Compliance Report received by the Licensee (Date):

Additional Details: (Dates of Report, Follow-up by the Licensee)

Report received December 13, 2007 for inspection completed July 15,2007. The report noted 7 non-compliance items; these, along with INAC's response are detailed below:

- 1. Location of the treatment facility where hazardous wastes generated or marshalled on site are to be shipped- to be included in annual report.
- This information was not available at the time of the inspection. We have since determined that the hazardous wastes will be shipped to three facilities as detailed below:
- \* CEPA soils Récupère Sol Inc. in Saint-Ambroise, Quebec
- \* PCB amended materials Material Resource Recovery in Cornwall, Ontario
- \* Consolidated waste from drums Recubec in Montreal, Quebec
- 2. Submission of a revised Spill Contingency Plans and approval of the Nunavut Water Board as addendum to 2007 annual report.
- A copy of the submitted Spill Contingency Plan was provided to the inspector.
- 3. Installation of metering system to accurately record water use.
- Site operations have concluded.
- Submission of the GPS coordinates and sample results for all waste water effluent discharged under the current license.
- This information was provided in the 2006 Annual Report and again in this report
- Submission of the Post-Closure monitoring Plan for the approval of the Nunavut Water Board
- This plan was submitted to the Nunavut Water Board on January 23, 2008. The plan was delayed because the facilities to be monitored had to be constructed and the as-built drawings completed.
- 6. As-Built Drawings as required Part E Section 8
- As-built drawings could not be submitted in the 2006 report because the facilities were not complete. These have been included in Appendix 2 of this report.
- Submission of site for disposal of Sewage Sludge generated during the course of the project.
- No sewage sludge will be disposed of on-site. It will either be disposed of at the Hall Beach hamlet facility or shipped south.

•

## Any additional comments or information for the Board to consider

No additional contaminated soil or hazardous materials were encountered during the 2007 field season. The additional debris located in and around Sarcpa Lake was collected and placed into the Non-Hazardous Waste Landfill. Further information on the additional debris is provided in Appendix 2. Photographs of the Non-Hazardous Waste Landfill and the Secure Soil Disposal Facility can be found on page 16, the asbuilt drawings for these facilities are in Appendix 1.

Date Submitted: March 28, 2008

Submitted/Prepared by: Natalie Plato

Contact Information: Tel: (867) 975-4730

Fax: (867) 975-4736

email: platon@inac-ainc.gc.ca

# **GPS** Coordinates for water sources utilized

	Latitude			Longitude		
Source Description	o Deg	Win ?	.sec	o Deg	Win	Sec
Water Body Near Airstrip	68	33	0	83	19	19
Water Body Northwest of Secure Soil Disposal Facility	68	32	53	83	18	37
Sarcpa Lake	68	31	59	83	15	50

# **GPS Locations of areas of waste disposal**

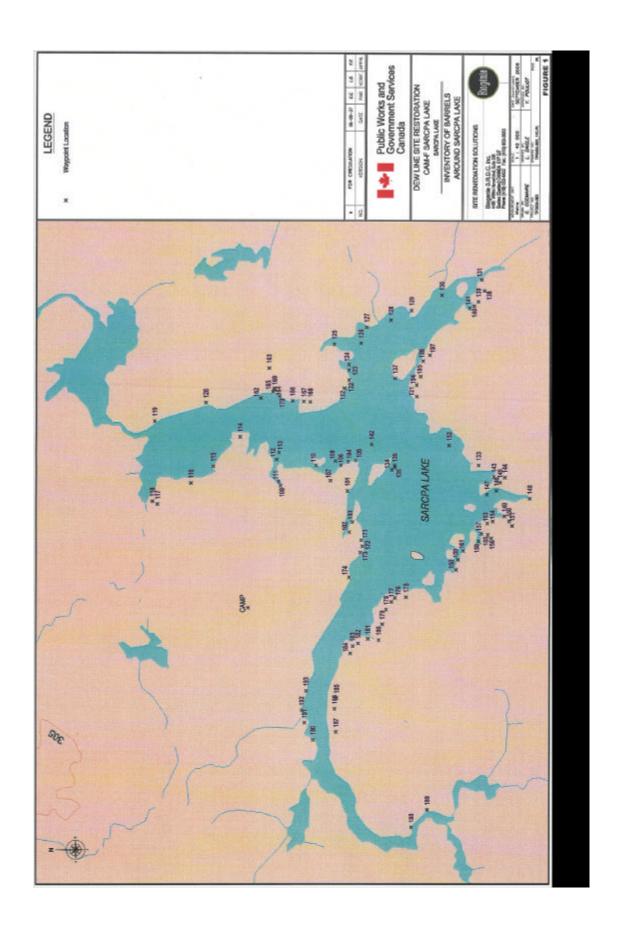
Location Description (type)	Latitude			Longitude		
	o Deg	. Min	Sec	o Deg	. Min	Sec
Non-Hazardous Landfill	68	33	6	83	18	50
Temporary Sewage Lagoon	68	32	57	83	19	0
Waste water discharge point	68	33	5	83	18	52
Secure Soil Disposal Facility	68	32	47	83	18	19

# **INVENTORY OF DEBRIS AROUND SARCPA**

LOCATION	# OF BARF	RELS ON/IN	COLLECTION	COMMENTS	
WP#	SHORE	WATER	COMPLETE		
100				Camp	
101				Dock	
102	5		Х	Located on shore of bay	
103		1	Х	Broken barrel in water 10m from shore	
104	3		Х	On peninsula	
105		2	X	2 to 3 pieces at bottom - rusted and disintegrating	
106		1	Х	Barrel ends	
107		1	X	Barrel ends	
108	11	1	Х	Barrel ends in water barrels on shore in 3 areas	
109		1	Х	Barrel ends	
110		1	X	Barrel on side	
111	4		Х	On hillside	
112	1		Х	Motor and barrel on shore	
113	3	1	Х	Barrel rim in water + 3 barrels on shore	
114	1		Х	North of this WP board still to be picked up	
115	1		Х		
116	1		Х		
117	1		X	Before waterfall on rock bluff	
118	1		Х	Located past waterfall	
119	2		Х	On shore near rapids 20m East of the point	
120	8		Х		
121	56		X	Barrels between WP 121 & WP 133 need to be removed	
122		1	Х	Barrel rim	
123	4	1	Х		
124	4	1	X	1 rim in water, 2 half barrels and 3 full barrels on shore	
125	4		Х	1 blue plastic barrel at end of bay and 3 on shoreline	
126	1		Х		
127	5		Х		
128	2		Х		
129	5		Х	spread out on shoreline	
130	18		Х		
131	7		Х		
Island 1	19		X	Island across from Borrow Area 6	
Island 2	2	1	Х	Island adjacent to island across from Borrow Area 6	
132	1		Х	collection to be confirmed	
133	20		Х	end point of WP 121	
End of Lake	14	1	Х	At far south end of lake	
134		1	Х	Half barrel in water	
135			Х	Pieces of barrel in water 1.5m from shore	
136	3		Х		
137	20		Х	lots of wood pieces along with 20 barrels all over island	

138	1 1	х	1
139	2	Х	
140	5	Х	FULL barrels on shore in bay
141	1	Х	,
142	1	Х	island
143	2	Х	
144	1	Х	in the small bay
145	1	Х	
146	1	Х	
147	1	Х	
148	2	Х	
149	9	Х	very rocky and shallow no barge access in this area
150	5	Х	very rocky and shallow no barge access in this area
151	8	Х	very rocky and shallow no barge access in this area
152	1	Х	
153	1	Х	
154	1	Х	
155	2	Х	
156	5	Х	
157	1	Х	
158	2	Х	
159	1	Х	
160	5	Х	
161	1	Х	
162	53	Х	Borrow area 7
163	9	Х	Borrow area 7
164	8	Х	Borrow area 7
165	32	Х	Borrow area 7
166	27	Х	Borrow area 7
167	13	Х	Borrow area 7
168	8	Х	Borrow area 7
169	46	Х	Borrow area 7
170	<b></b>	X	3 pieces of debris - Borrow Area 7
171		X	2 pieces of debris - Borrow Area 7
172	1	X	
173	15	X	15 on shore+ 1 half barrel
174	<b> </b>	X	1 barrel ring on shore
175	1	Х	
176	1	Х	
177	0.5	Х	half barrel on shore
178	2	X	
179	1	Х	
180	3	Х	
181	2	Х	
182	1	X	

183	1		x	
184	1		Х	
185	1		Х	
186	1		Х	
187	4		Х	3 large barrels + one small barrel
188	1		Х	
189	11		Х	
190			Х	End of Inventory
191	1		Х	
192	5		Х	Cab of dozer in water - Borrow Area 3
193	1		Х	
194	80		Х	
195	8		Х	shore line south of WP 121
196	4		Х	
197	2		Х	
TOTALS	631.5	15	646.5	





# CAM-F DEW Line Restoration 2007 Work Season



Water Usage for Camp / remediation activities from Sarcpa Lake source (Latitude: 68d 31' 59" and Longitude: 83d 15' 50")

	(	Latitude: 68d 31' 59" a	na Longitude: 630 15	50 )		
	Camp Use		Dust suppression	Granular material conditioning	Heavy equipment Cleaning	
Day	Volume	Volume	Volume	Volume	Volume	
(June 2007)	L	L	L	L	L	
11-Jun-07	0 +BW					
12-Jun-07	0 +BW					
13-Jun-07	400 +BW					
14-Jun-07	400 +BW					
15-Jun-07	400 +BW					
16-Jun-07	800 +BW					
17-Jun-07	800 +BW					
18-Jun-07	6,500 +BW					
19-Jun-07	1,900 +BW					
20-Jun-07	5,700 +BW					
21-Jun-07	4,700 +BW					
22-Jun-07	4,700 +BW					
23-Jun-07	5,600 +BW					
24-Jun-07	10,215 +BW					
25-Jun-07	8,000 +BW					
26-Jun-07	11,350 +BW					
27-Jun-07	0 +BW			8 000		
28-Jun-07	13,600 +BW			8,000 8,000		
29-Jun-07 29-Jun-07	0 +BW			8,000		
	4,500 +BW					
30-Jun-07	4,500 +BW			8,000		
01-Jul-07 02-Jul-07				8,000		
				8,000 15,000		
03-Jul-07 04-Jul-07	12,375 +BW					
	18,000 +BW 5,063 +BW			4,500		
05-Jul-07				500 4,000		
06-Jul-07				,		
07-Jul-07				14,500		
08-Jul-07 09-Jul-07	19,690 +BW 4,500 +BW					
	,					
10-Jul-07	14,063 +BW 3,375 +BW					
11-Jul-07	3,375 +BW 6,750 +BW			400		
12-Jul-07				400		
13-Jul-07	12,935 +BW		0.500			
14-Jul-07	8,440 +BW		6,500			
15-Jul-07	8,440 +BW		6,000			
16-Jul-07 17-Jul-07	9,000 +BW 16,650 +BW		6,000 4,000			
18-Jul-07 19-Jul-07	9,000 +BW 0 +BW		5,000 2,000			
20-Jul-07	17,438 +BW		13,000			
21-Jul-07	7,875 +BW 5,625 +BW		9,000			
22-Jul-07 23-Jul-07						
	12,937 +BW					
24-Jul-07 25-Jul-07	4,500 +BW 10,125 +BW					
26-Jul-07						
27-Jul-07 28-Jul-07						
28-Jul-07 29-Jul-07	11,813 +BW					
29-Jul-07 30-Jul-07	8,438					
	14,625					
31-Jul-07						
01-Aug-07	4,500	1 000				
02-Aug-07	3,150	1,000				
03-Aug-07 04-Aug-07	4,500					
	8,438 6,188					
05-Aug-07	0,100					

06 Aug 07	5,625	2 000			
06-Aug-07		2,000 2,000			
07-Aug-07	0				
08-Aug-07	12,938	2,000			
09-Aug-07	0	400			
10-Aug-07	10,125				
11-Aug-07	15,187				
12-Aug-07	7,313				
13-Aug-07	14,625				
14-Aug-07	13,500				
15-Aug-07	16,875				
16-Aug-07	11,813				
17-Aug-07	9,000				
18-Aug-07	11,250				
19-Aug-07	1,688				
20-Aug-07	14,625				
21-Aug-07	21,938				
22-Aug-07	10,125				
23-Aug-07	0				
24-Aug-07	12,375				
25-Aug-07	15,188				
26-Aug-07	10,688				
27-Aug-07	0				
28-Aug-07	0				
29-Aug-07	0				
30-Aug-07	7,875				
31-Aug-07	0				
01-Sep-07	7,875				
02-Sep-07	10,125				
03-Sep-07	6,750				
04-Sep-07	2,813				
05-Sep-07	0				
06-Sep-07	9,563				
07-Sep-07	22,500				
08-Sep-07	14,063				
09-Sep-07	14,062				
10-Sep-07	5,625				
11-Sep-07	20,813				
12-Sep-07	14,063				
13-Sep-07	19,688				
14-Sep-07	20,813				
15-Sep-07	19,125				
16-Sep-07	20,700				
17-Sep-07	11,925				
18-Sep-07	13,950				
19-Sep-07	12,375				
20-Sep-07	19,125				
21-Sep-07	18,000				
22-Sep-07	11,250				
23-Sep-07	10,688				
Total: (litre)	528,644	6,400	0	0	0
Total: (cu.m)	528.64	6.40	0.00	0.00	0.00
Grand Total (cu.m)	535.04	0.40	0.00	0.00	0.00
		4			
Daily average (cu.m):	5.03	_			

BW: Bottled water from Igloolik

# **PHOTOGRAPHS**

Pictures of the Non-Hazardous Waste Landfill and Secure Soil Disposal Facility are provided below:

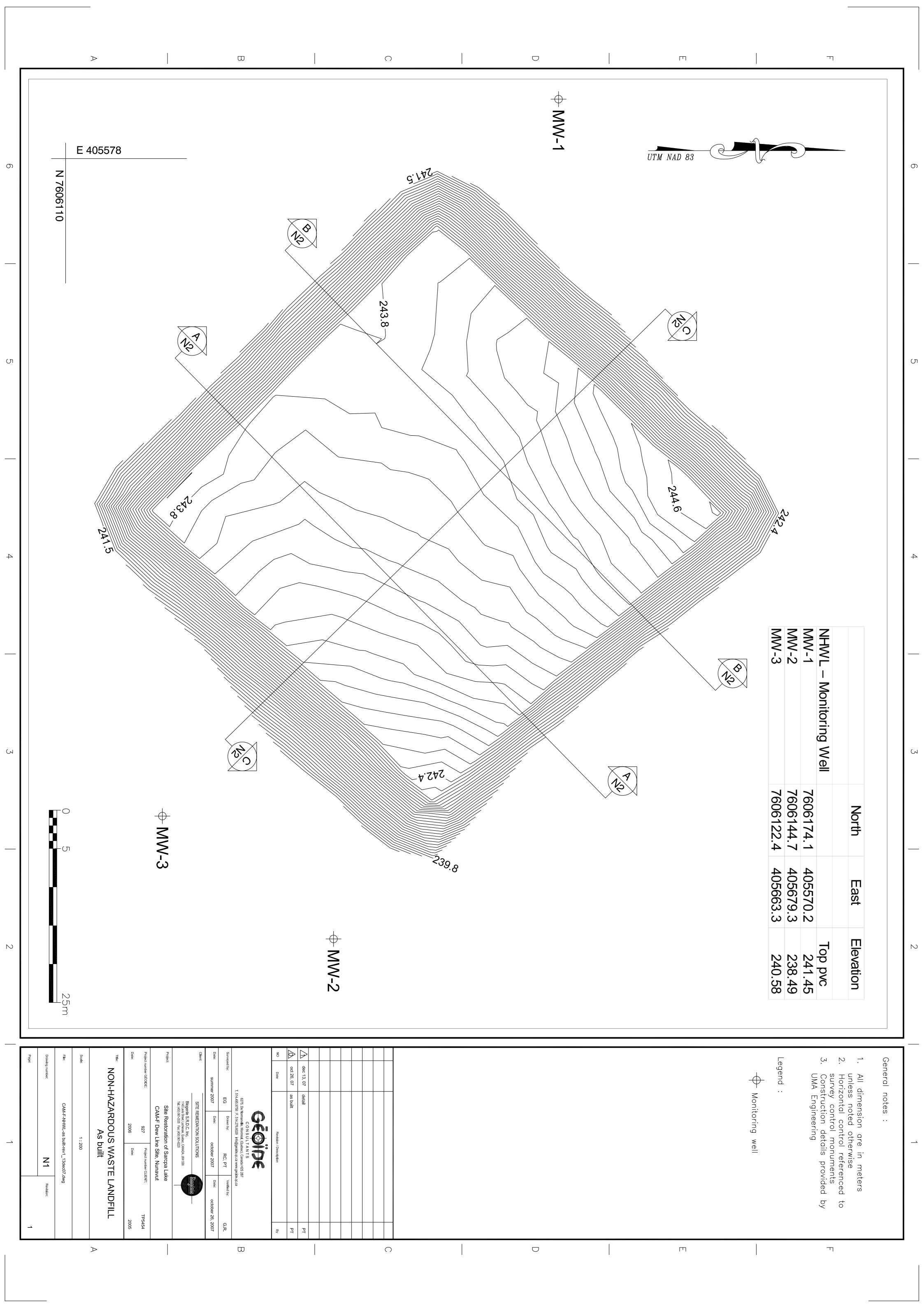


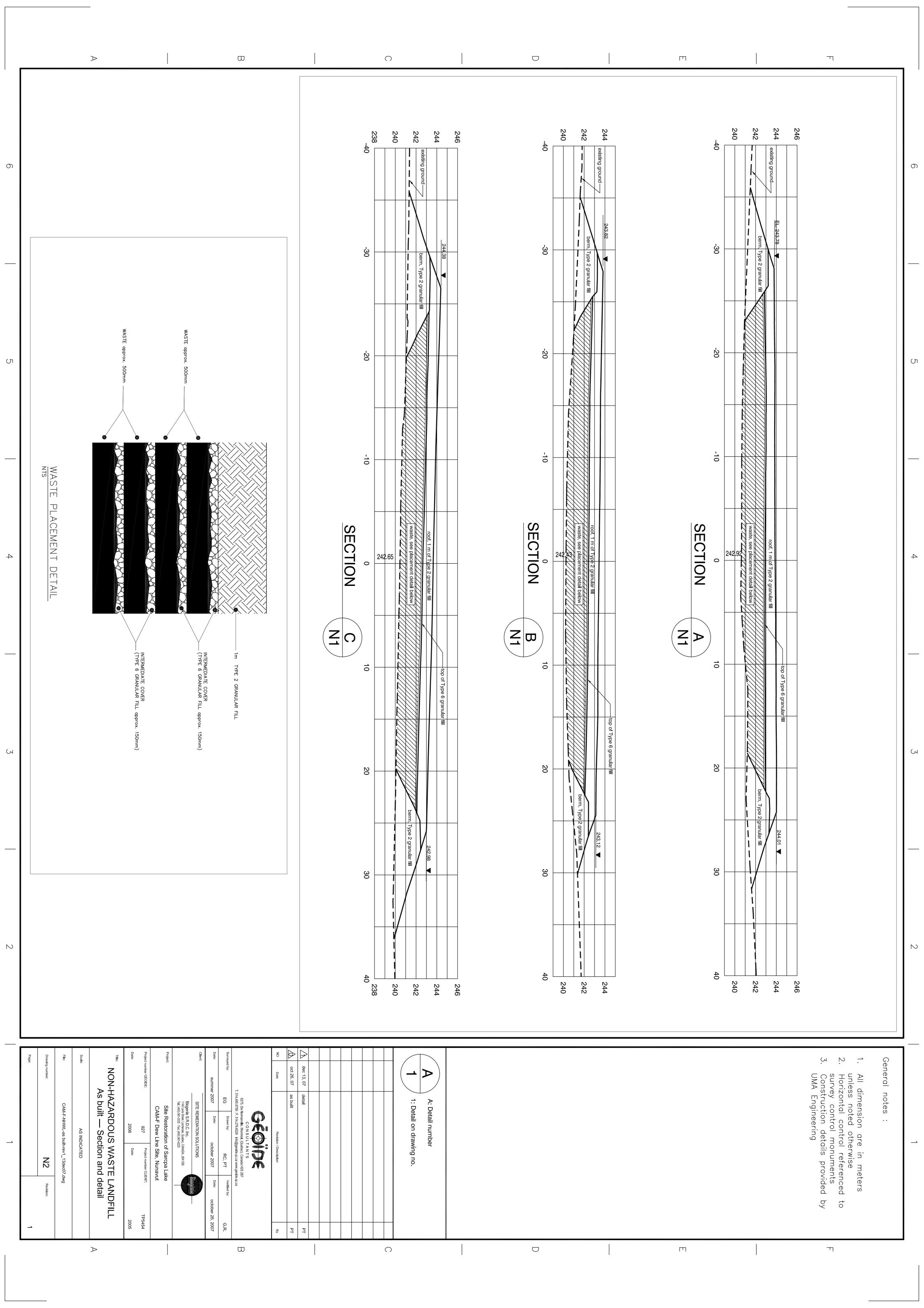
Non-Hazardous Waste Landfill

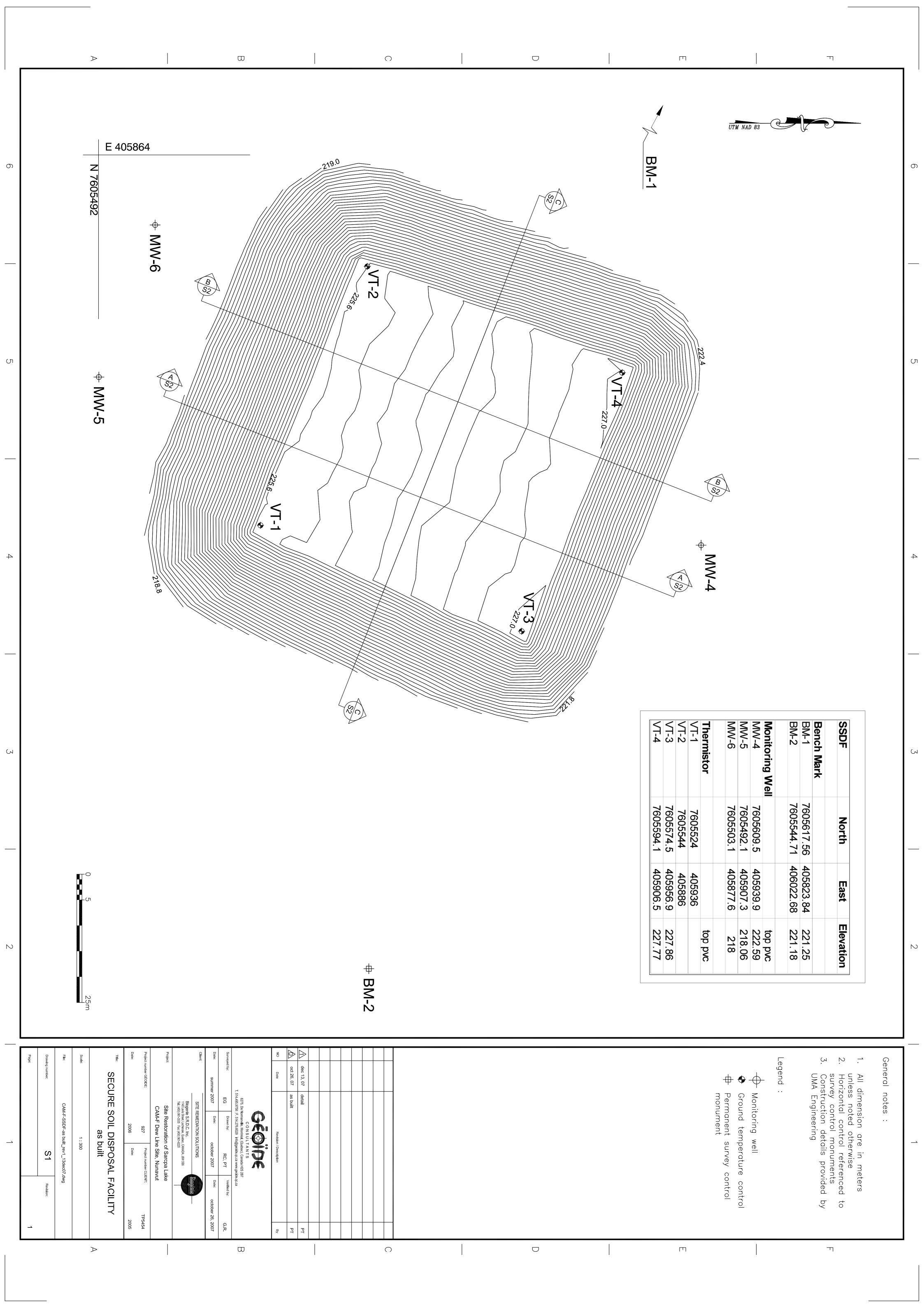


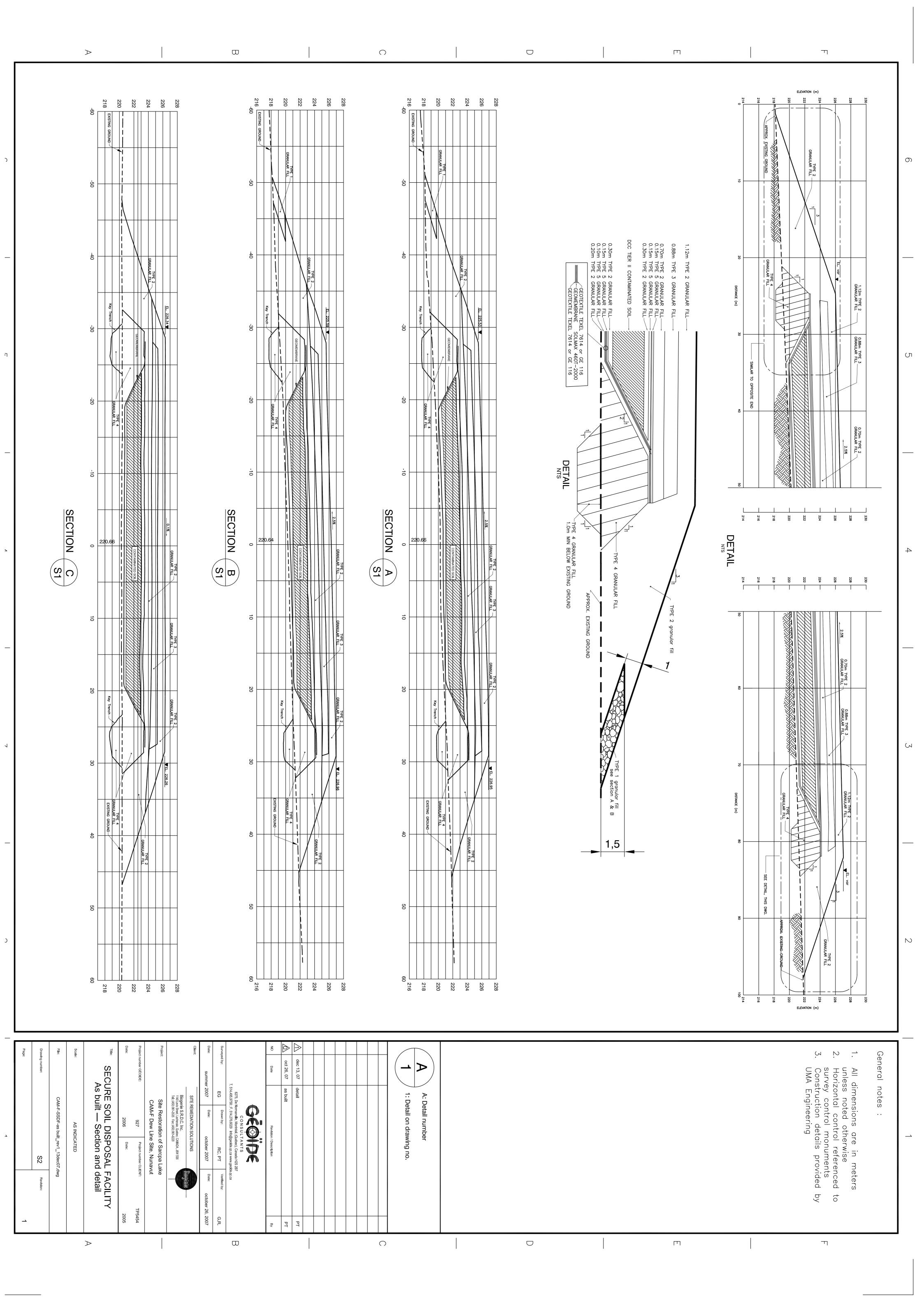
Secure Soil Disposal Facility













#### Table 18.0: Analytical Results for Waste Water Samples

Sample #	Arca	Sampling Program	Section	Date Collected	Metals Annual Me															
			Field Dup TN		As	Cd	Cr.	Cu	Pb	Ni	Zn	Hg	dissolved Cu	dissolved Ni	dissolved Co	dissolved	dissolved Pb			
Units																				
Water Discharge Criteria					0.1		0.1				1.0	0.0008	0.2	0.2	0.05	0.01	0.05			
430	Warehouse Barrel Storage	barrel/water discharge	no dup	Jul-03		3	<0.001	10		S	<0.01	9	0.001	0.001		<0.001	<0.001			
442	Barrel Processing Lagoon 1	barrel/water discharge		Jul-08	0.004		<0.001				0.02	<0.0002	<0.001	<0.001	<0.001	<0.001	<0.001			
507	Barrel Processing Lagoon 4	barrel/water discharge		Jul-12	0.004	3	0.003				< 0.01		< 0.001	0.001	< 0.001	<0.001	<0.001			
619	Barrel Processing Lagoon 3	barrel/water discharge		Jul-31	0.008		0.004				0.01	<0.0001	<0.001	0.001	<0.001	<0.001	<0.001			
704	Barrel Processing Lagoon 1	barre/water discharge		Aug-07	0.004	-	0.001				0.05	<0.0001	0.001	0.004	0.001	<0.001	0,001			
912	Barrel Processing Lagoon 3	barrel/water discharge		Aug-14	0.005	< 0.001	0.004	<0.001	<0.001	0.002	0.03	<0.0001	×0.001	0.002	<0.001	<0.001	<0.001			
936	Barrel Processing Lagoon 4	barretwater discharge	931	Aug-21	0.011	<0.01	40.01	40.01	<0.01	<0.01	0.03	<0.0001	<0.001	0.001	< 0.001	<0.001	0.001			
931	Barrel Processing Lagoon 4	barrel/water discharge	930	Aug-21	0.012	<0.01	<0.01	<0.01	0.01	<0.01	0.03	<0.0001	< 0.001	0.001	< 0.001	<0.001	0.001			
936	Barrel Processing Lagoon 2	barrel/water discharge	50000	Aug-31	0.004	33-37-7	8.7033	1977	0.000	Sections	151 82 30	< 0.0001	0.001	0.002	<0.001	<0.001	< 0.001			
837	Barrel Processing Lagoon 2	barrel/water discharge		Sep-04	0.344		0.003				0.02	< 0.0001	0.002	<0.001	< 0.001	<0.001	< 0.001			
938	Barrel Processing Lagoon 4	barrel/water discharge		Seg-04	0.067		0.003				<0.01	<0.0001	< 0.001	<0.001	<0.001	<0.001	<0.001			
939	Flower Pot (SSDF)	water discharge	Summer	Sep-07	0.064	33	0.01			30	0.03	<0.0001	<0.001	0.003	<0.001	<0.001	< 0.001			
940	Flower Pot (SSDF)	water discharge	no dup	Sep-07	0.076		0.076				0.1	<0.0001	<0.001	0.001	< 0.001	×0.001	<0.001			

#### Table 18.0: Analytical Results for Waste Water Samples

Sample #	Area	Sampling Program	Field Dup	Date Collected	PCB				BTEX				Glycol						Oil & Grease	pH	Phanol
					Aroclor 1248	Aroclor 1254	Aroclor 1260	PCB Total	Benzene	Toluene	Ethyl- benzene	Xylenes	Citylene	Diethylene Glycol	Triethylene Glycol	Tetraethylene Glycol	Propylene Glycol	Total Glycol		pH reported	Phenol (ppb)
Units		No. of the last of	No.												mp/L						
Water Discharge Criteria					diament.	1.1	t	0.005	370	2	90		192				500	22000	5	6-9	20 ppb
430	Warehouse Berrel Storage	barrel/water discharge	no dup	Jul-03	ND:	ND	ND.	ND:					7,000				14000			- Table 1	
442	Barrel Processing Lagoen 1	barre/water discharge	1000000	Jul-08	ND.	ND	ND	ND.	<0.0001	<0.0001	<0.0001	<0.0001	41				<1		<1.1	7.5	0.3
507	Barrel Processing Lagoen 4	barrel/water discharge	0. 0	Jul-12	ND	ND	ND .	ND	< 0.0001	0.0001	<0.0001	<0.0001	*1	0.20	27-222-	S -countries 1	<1		1.3	7.4	19
619	Barrel Processing Lagoon 3	barrel/water discharge	2 1	Jul-31	ND	ND	ND	ND	<0.0001	<0.0001	<0.0001	<0.0001	870	<60	<40	<200	<20		6	7.8	<0.3
704	Barrel Processing Lagoon 1	barrel/water discharge		Aug-07	ND	ND	ND	ND	<0.0001	0.0011	0.0009	0,00065	790	8	ND	ND	ND.	14,25.0	1.7	7.3	50
912	Barrel Processing Lagoon 3	barrei/water discharge	22-00	Aug-14	ND.	ND	ND	ND.	<0.0001	0.0005	0.0001	0.0004	730	<6.0	<2.0	×10	<1.0	730	1.5	7.4	0.04
930	Barrel Processing Lagoon 4	barrei/water discharge	931	Aug-21	ND	ND	NO .	ND	<0.0001	< 0.0001	<0.0001	0.0008	110	×12	<12	×40	112	110	31.6	8.3	40
931	Barrel Processing Lagoon 4	barrel/water discharge	930	Aug-21	ND.	ND	ND	ND.	< 0.0001	<0.0001	<0.0001	<0.0001	100	<12	<12	<40	<12	100	34.4	8.4	< 0.10
938	Barrel Processing Lagoon 2	barrei/water discharge		Aug-31					< 0.0001	0.0003	0.0001	0.0005	7.4	42	*2	×10	-65	7.4	3.8	7.9	<10
937	Barrel Processing Lagoon 2	berrei/water discharge	10 0	5ep-04	ND	ND	ND	ND.	<0.0001	0.0005	< 0.0001	0.0001	3	1 7			V. 19		1.5	9.7	<10
938	Barrel Processing Lagoon 4	barrel/water discharge		5ep-04	ND	ND	ND	ND	<0.0001	0.0005	<0.0001	0.0001							<1.2	9.7	<10
939	Flower Pot (SSDF)	water discharge		Sep-07	ND	ND	NO	ND:	< 0.0001	< 0.0001	< 0.0001	<0.0001							<1.1.	8.2	<10
940	Flower Pot (SSDF)	water discharge	no dup	Sep-07	ND	ND	ND	ND	≈0.0001	<0.0001	<0.0001	~0.0001				7			<1.1	9.1	<10