



Point Thomson Gas Cycling Project

Draft Waste Streams

March 2003

Point Thomson Gas Cycling Project
Response to EIS Data Information Needs
(ID #41)

Data Requirement

Item 41: Detailed description of waste transport, containment, and disposal.

Level of Detail: Narrative description, including volume/weight by relevant category.

The waste management strategy is covered in section 13.0 of Rev. B Draft of the Project Description.

The significant waste streams (volume/weight by relevant category) were identified as part of Early FEED Task 112 and the final report is attached. The purpose of the Early FEED Task 112 was to identify the significant waste streams that would affect preliminary engineering of the surface facilities such as:

- Method of handling and disposal.
- Facilities required for disposal (Class I Well, Incinerator, etc.)
- Plot Plan and storage facilities

The methods of transportation of wastes are covered in the Logistics and Transportation Information document.

1.0 Scope and Objectives

The scope of this study is to identify/quantify of all waste streams so that logistics, storage and disposal plans can be prepared.

Attached is the spreadsheet identifying various waste streams for drilling, construction and operations.

The quantities and duration of waste streams are based on the attached information provided by the Drilling, Construction and Operation.

QUANTITIES OF WASTE GENERATED (during months identified)

YEAR Months Site Access <u>DRILLING</u> month	amount per month	2005		* UIC Well (1/1/06)		2006		2007		2008							
		2/1 - 5/1 (Ice Road)	5/1 - 8/1 (Air Only)	8/1 - 10/1 (Barge)	10/1 - 2/1 (Air Only)	2/1 - 5/1 (Ice Road)	5/1 - 8/1 (Air Only)	8/1 - 10/1 (Barge)	10/1 - 2/1 (Air Only)	2/1 - 5/1 (Ice Road)	5/1 - 8/1 (Air Only)	8/1 - 10/1 (Barge)	10/1 - 2/1 (Air Only)				
Non - Hazardous Solids (cu. Ft.)																	
Burnables	40			80	160	120	120	80	160	120	120	80	160	120	80		
Landfill	550			1100	2200	1650	1650	1100	2200	1650	1650	1100	2200	1650	1000		
Recyclable Metal (incl. Drums)	2800			2000	11200	8400	8400	5600	11200	8400	8400	5600	11200	6000	2000		
Oil Waste (sorbents, etc.)	41			100	164	123	123	82	164	123	123	82	164	100	75		
Non - Hazardous Liquids (bbls.)																	
Used Oil	11			20	44	33	33	22	44	33	33	22	44	33	22		
Others (anti-freeze, etc.)	15				60	45	45	30	60	45	45	30	60	45	30		
Camp Waste																	
Gray Water (gallons)	432				1728	1296	1296	864	1728	1296	1296	864	1728	1500	1000		
Food Waste (cu. Ft.)	144				576	432	432	288	576	432	432	288	576	400	200		
Medical Waste (cu. Ft.)	2				8	6	6	4	8	6	6	4	8	6	4		
Batteries, Flurosent Tubes, etc. (cu. Ft.)	6				24	18	18	12	24	18	18	12	24	15	10		
Hazardous Waste																	
Liquids (bbls.)	21				84	63	63	42	84	63	63	42	84	50	30		
Solids (cu. Ft.)	5				20	15	15	10	20	15	15	10	20	15	10		
Spill Clean Ups																	
Volume of Liquid (bbls.)																	
Volume of gravel (cu. Ft.)	6				24	18	18	12	24	18	18	12	24	15	10		
Other																	
Drill Cuttings (cu. Ft.)	20000				80000	60000	60000	40000	80000	60000	60000	40000	80000	60000	30000		
Hydrotect Fluids (bbls.)																	
Any other major quantities																	
Connex containers to recycle	500			500				500				500					

Point Thomson Waste Management Spreadsheet

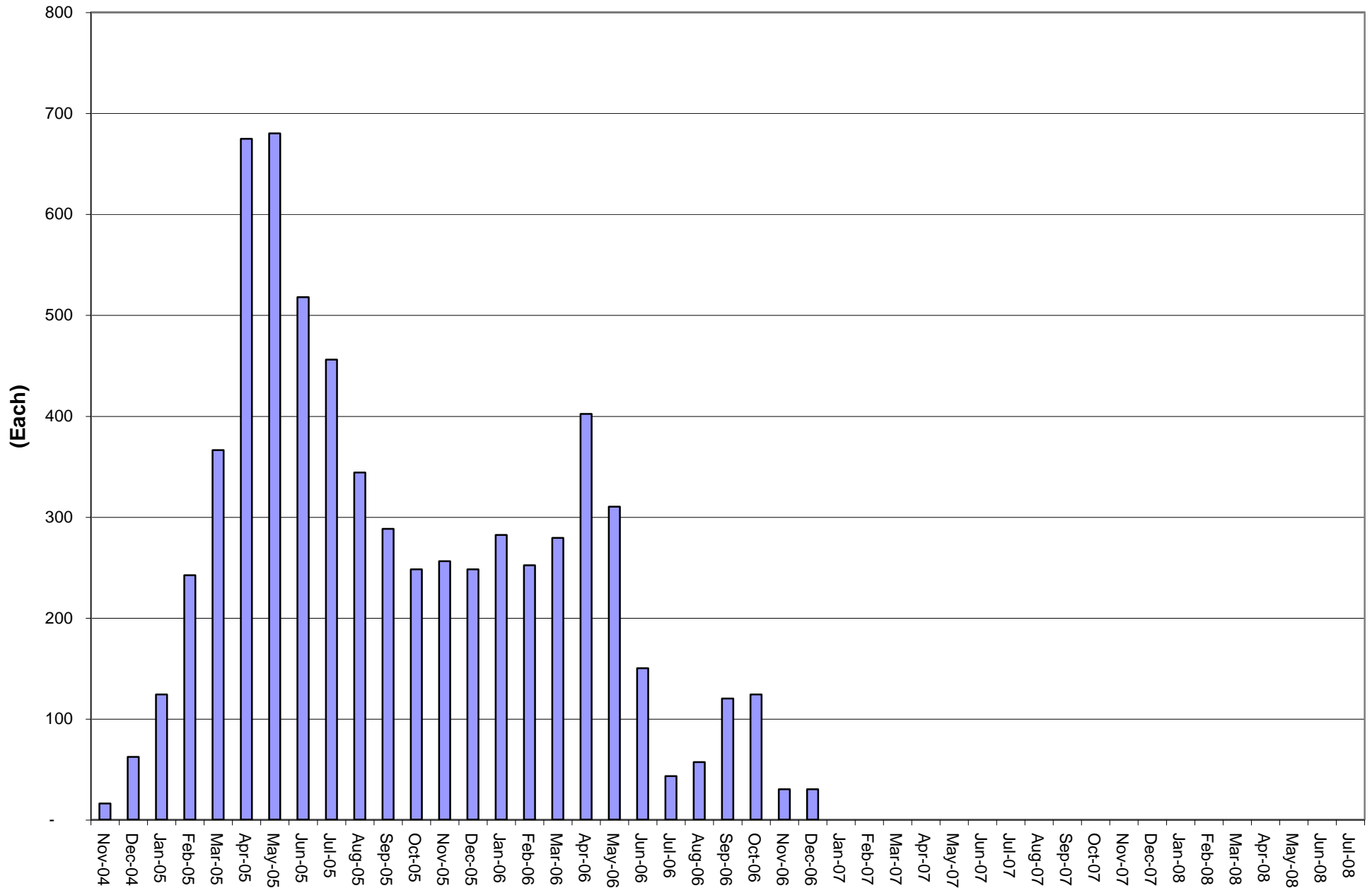
YEAR	MONTHS	amount per month	QUANTITIES OF WASTE GENERATED (during months identified)															
			2005	* UIC Well (1/1/06)		2006			2007			2008						
Site Access	COMPONENT		2/1 - 5/1 (Ice Road)	5/1 - 8/1 (Air Only)	8/1 - 10/1 (Barge)	10/1 - 2/1 (Air Only)	2/1 - 5/1 (Ice Road)	5/1 - 8/1 (Air Only)	8/1 - 10/1 (Barge)	10/1 - 2/1 (Air Only)	2/1 - 5/1 (Ice Road)	5/1 - 8/1 (Air Only)	8/1 - 10/1 (Barge)	10/1 - 2/1 (Air Only)	2/1 - 5/1 (Ice Road)	5/1 - 8/1 (Air Only)	8/1 - 10/1 (Barge)	10/1 - 2/1 (Air Only)
DRILLING						4	3	3	2	4	3	3	2	4	3	2		
Non - Hazardous Solids (cu. Ft.)																		
Burnables		40			80	160	120	120	80	160	120	120	80	160	120	80		
	Wood pallets @ 720/mo																	
	empty mud sacks @ 28000/mo																	
	office/camp waste paper @ 400lb/mo																	
	cardboard boxes @ 100#/mo																	
	ash generated is about 50 ft3/mo																	
Landfill		550			1100	2200	1650	1650	1100	2200	1650	1650	1100	2200	1650	1000		
	mud/cmt big bags @ 500/mo, est 500 ft3/mo																	
	Worn out tires @ 50 ft3/mo																	
Recyclable Metal (incl. Drums)		2800			2000	11200	8400	8400	5600	11200	8400	8400	5600	11200	6000	2000		
	scrap steel @ 1420ft3/mo																	
	drill bits/BHA junk @ 15ft3/mo																	
	casing cutoff/scrap @ 25ft3/mo																	
	thread protectors @ 1244 ft3/mo																	
	Drilling line @ 100 ft3/mo																	
Oil Waste (sorbents, etc.)		41			100	164	123	123	82	164	123	123	82	164	100	75		
	grease rags @ 10 ft3/mo																	
	oil sorbent pads @ 10 ft3/mo																	
	grease from kitchens, est. 1 ft3/mo																	
	filters (engine/fuel) 1 @ 20ft3/mo																	
Non - Hazardous Liquids (bbls.)																		
Used Oil		11			20	44	33	33	22	44	33	33	22	44	33	22		
	motor oil @ 10bbl/mo																	
	other lubricant @ 1 bbl/mo																	
Others (anti-freeze, etc.)		15				60	45	45	30	60	45	45	30	60	45	30		
	engine antifreeze @ 5bbl/mo initial																	
	rinsate @ 10 bbl/mo																	
Camp Waste																		
Gray Water (gallons)	UNITS ARE 1000 gallons	432				1728	1296	1296	864	1728	1296	1296	864	1728	1500	1000		
	100gal/day/man X 144men X 30day/mo=432000gal/mo																	
Food Waste (cu. Ft.)		144				576	432	432	288	576	432	432	288	576	400	200		
	.25ft#/man/wk X 144men X 4 wk/mo=144 ft3																	
Medical Waste (cu. Ft.)		2				8	6	6	4	8	6	6	4	8	6	4		
	assume 2 ft3/mo																	
Batteries, Fluorescent Tubes, etc. (cu. Ft.)		6				24	18	18	12	24	18	18	12	24	15	10		
	assm 2 big lead-acid/mo @ 4ft3																	
	flashlight batteries @ 1 ft3/mo																	
	fluorescent @ 1 ft3/mo																	
Hazardous Waste																		
Liquids (bbls.)		21				84	63	63	42	84	63	63	42	84	50	30		
	cleaning fluids @ 0.5 bbl/mo																	
	methanol from testing @ 20 bbl/mo																	
	paint thinner / solvents @ 0.5bbl/mo																	
Solids (cu. Ft.)		5				20	15	15	10	20	15	15	10	20	15	10		
	sorbents/rags contaminated w/solvents @ 5 ft3/mo																	
Spill Clean Ups																		
Volume of Liquid (bbls.)																		
Volume of gravel (cu. Ft.)	cellar area cleanup, est 1bbl/mo or 6 ft3/mo	6				24	18	18	12	24	18	18	12	24	15	10		
Other																		
Drill Cuttings (cu. Ft.)		20000				80000	60000	60000	40000	80000	60000	60000	40000	80000	60000	30000		
	cuttings calc @ 3500 bbl/mo = 20,000 ft3/mo																	
Hydrotest Fluids (bbls.)																		
Any other major quantities																		
	Connex Containers to recycle @ 500 per barge	500			500				500				500					

POINT THOMSON WASTE MANAGEMENT - WASTE STREAM ESTIMATES - GENERAL ASSUMPTIONS

1. Waste streams are calculated on a per month basis, drilling average is 2 months/well
2. Burnable items are incinerated on location, only ash is transported offsite
3. Groups included as generators are rig crews and support contractor staff
4. Specialty contractors (mud/cmt) waste is included
5. Cuttings to be ground and injected
6. Liquid mud waste to be injected
7. Connex containers are held in the field until access is open for shipment back to Prudhoe for re-use
8. Rainmelt is not transported off site
9. Assume connex used for barge shipments, trucks for ice road w/o connex
10. Scrap steel includes reject joints, welding scrap, fishing junk

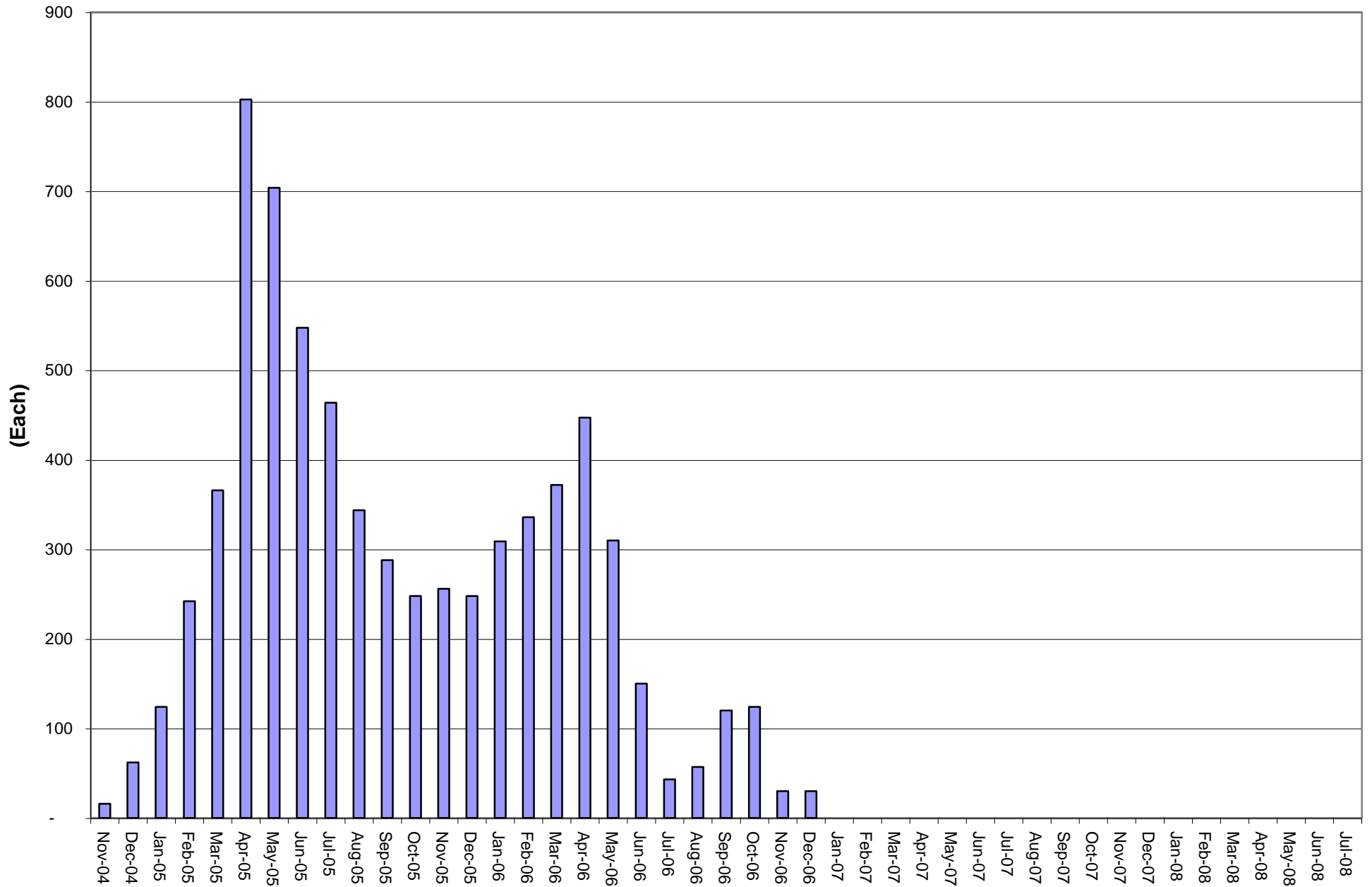
Point Thomson Development - North Slope Waste Generation

North Slope Construction Waste Stream - Pallets



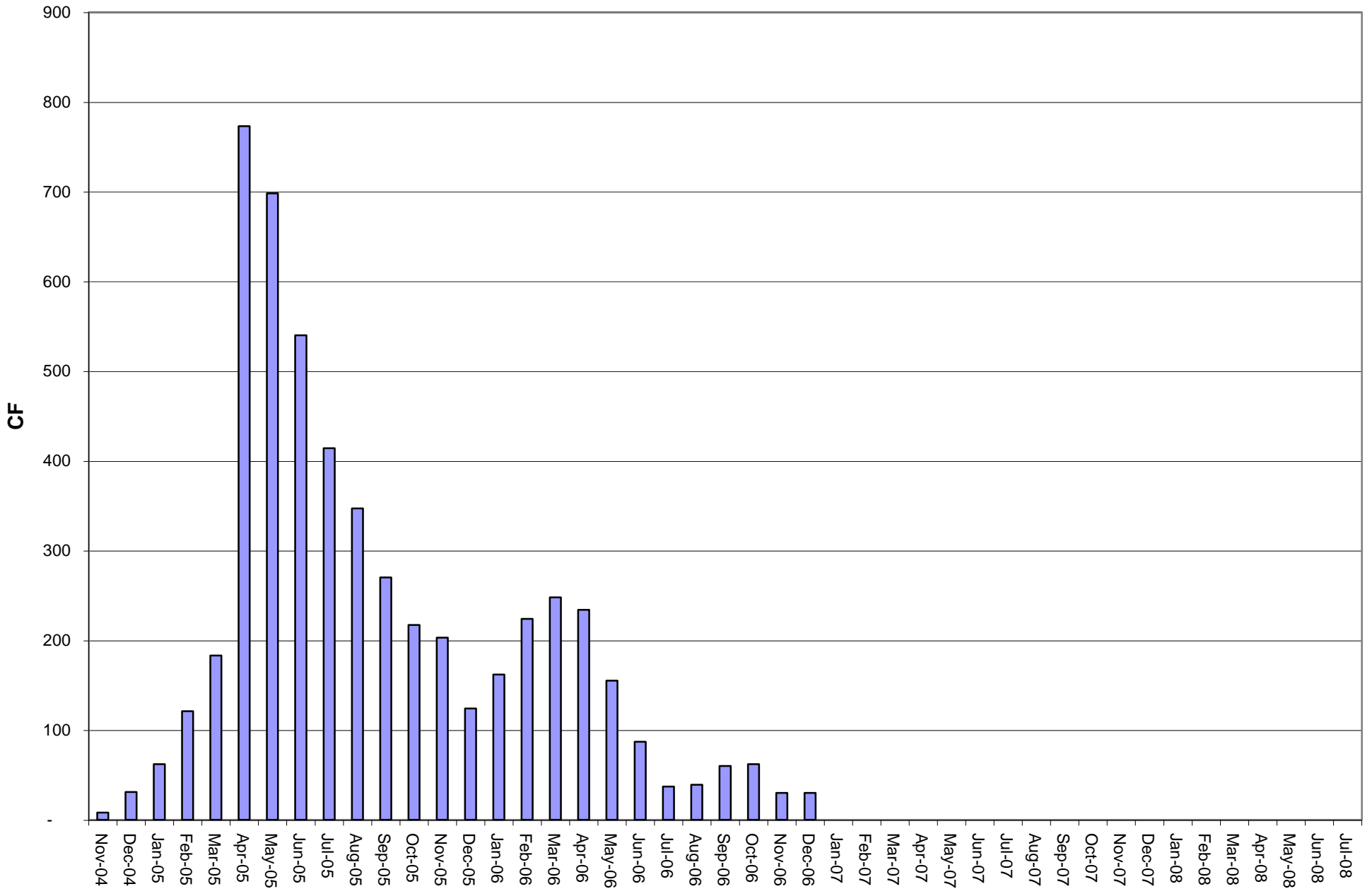
Point Thomson Development - North Slope Waste Generation

North Slope Construction Waste Stream - Plywood



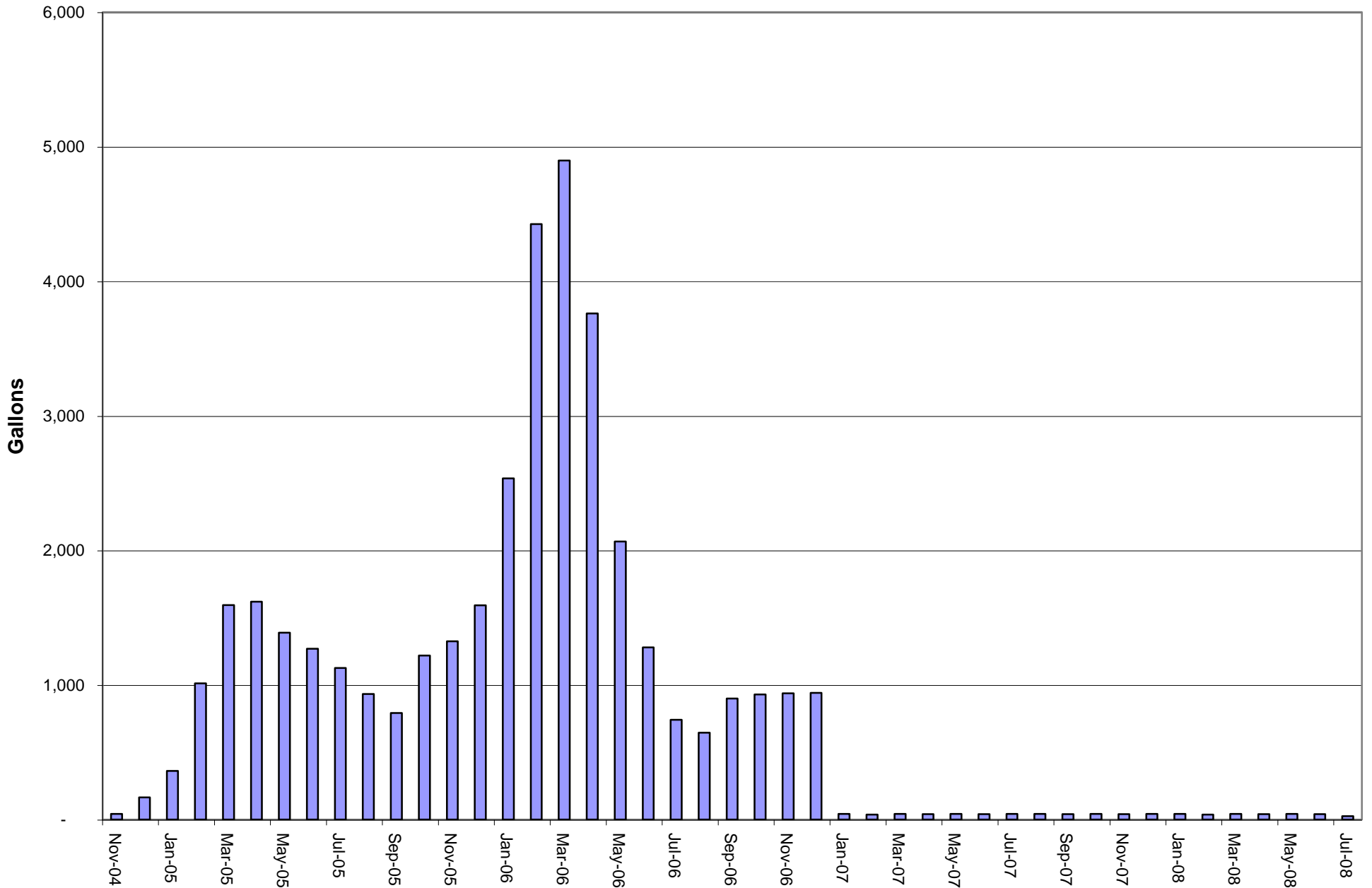
Point Thomson Development - North Slope Waste Generation

North Slope Construction Waste Stream - Packaging/Wrapping



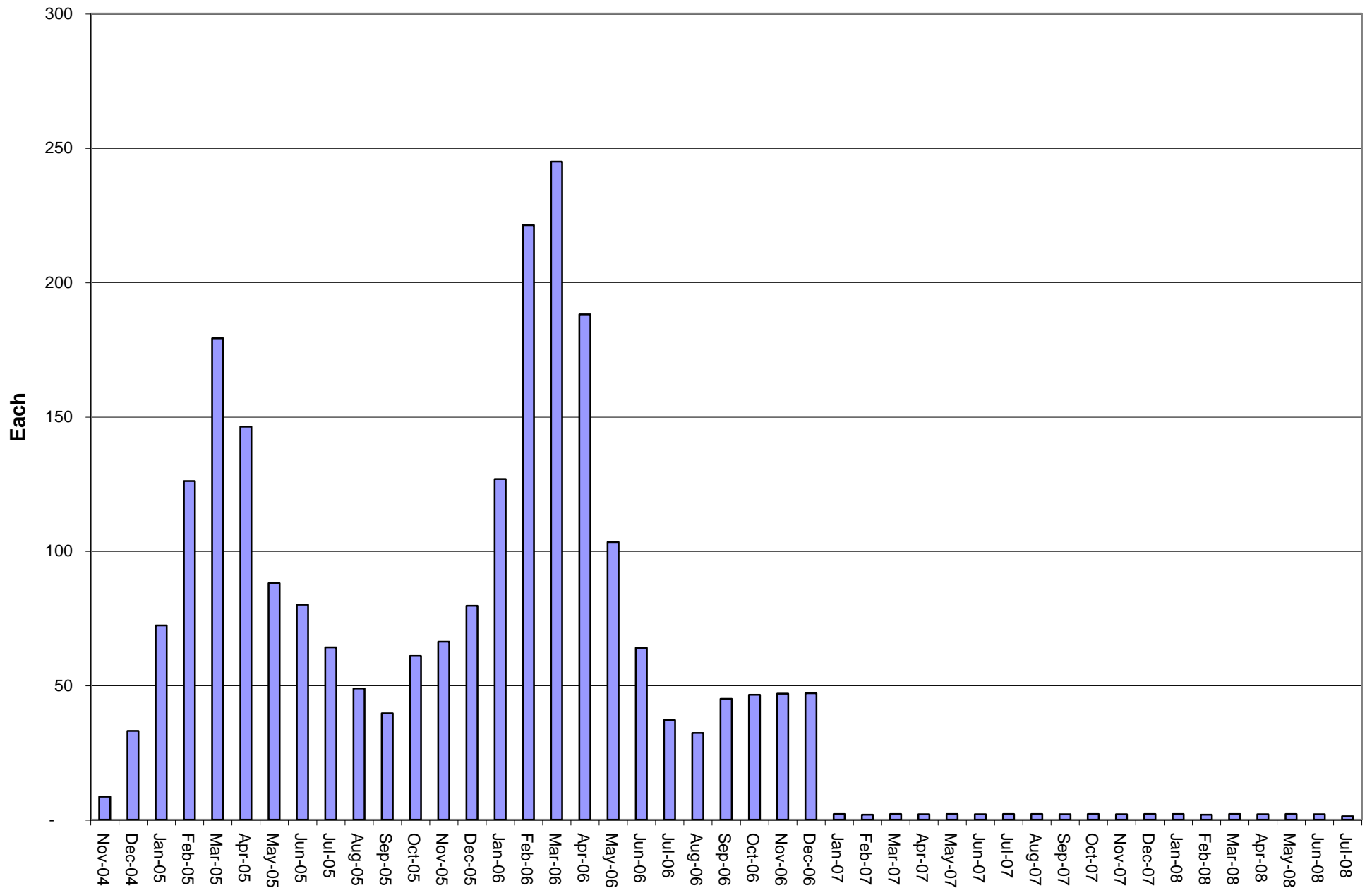
Point Thomson Development - North Slope Waste Generation

North Slope Construction Waste Stream - Used Oil



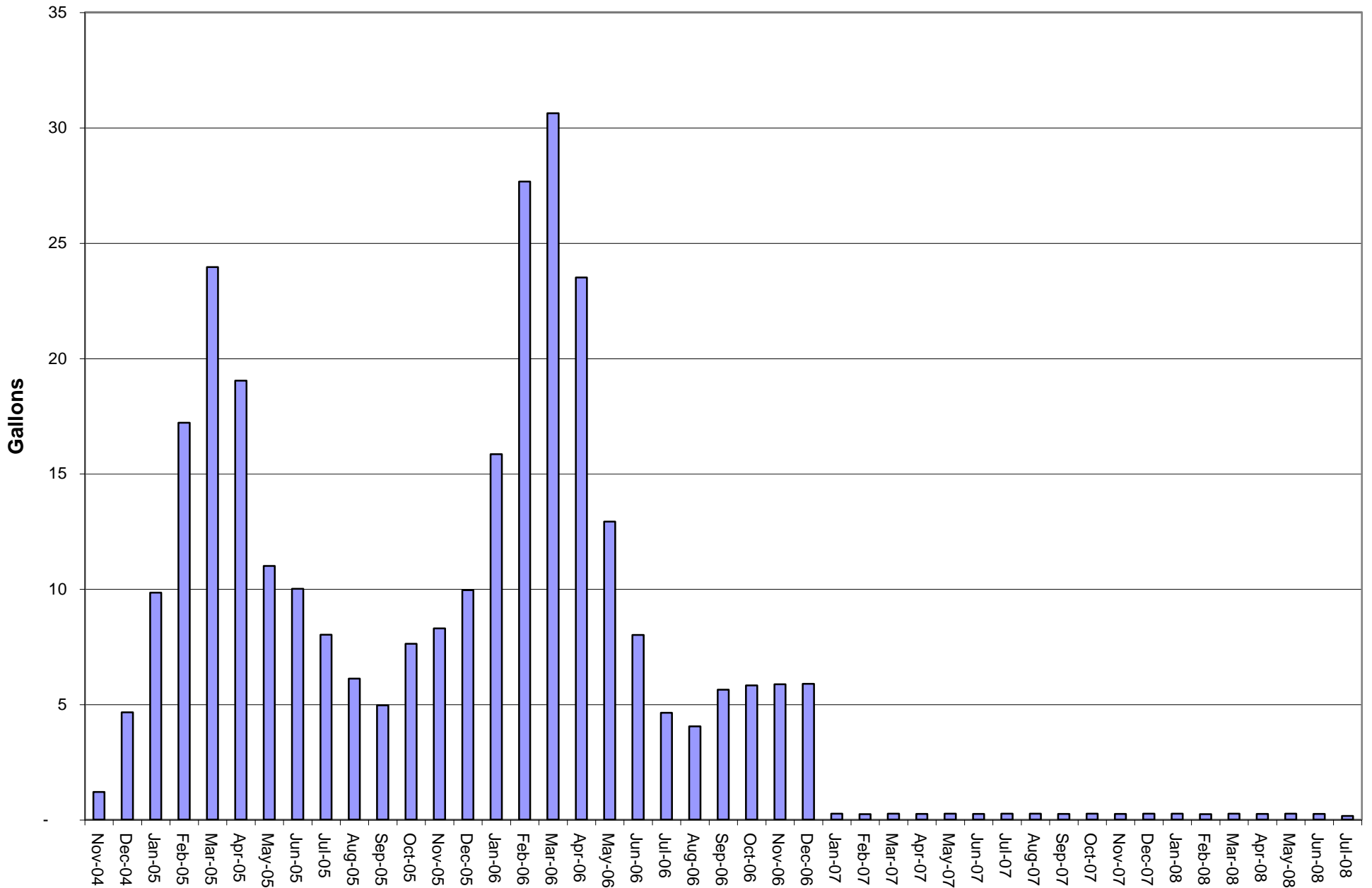
Point Thomson Development - North Slope Waste Generation

North Slope Construction Waste Stream - Air Filters



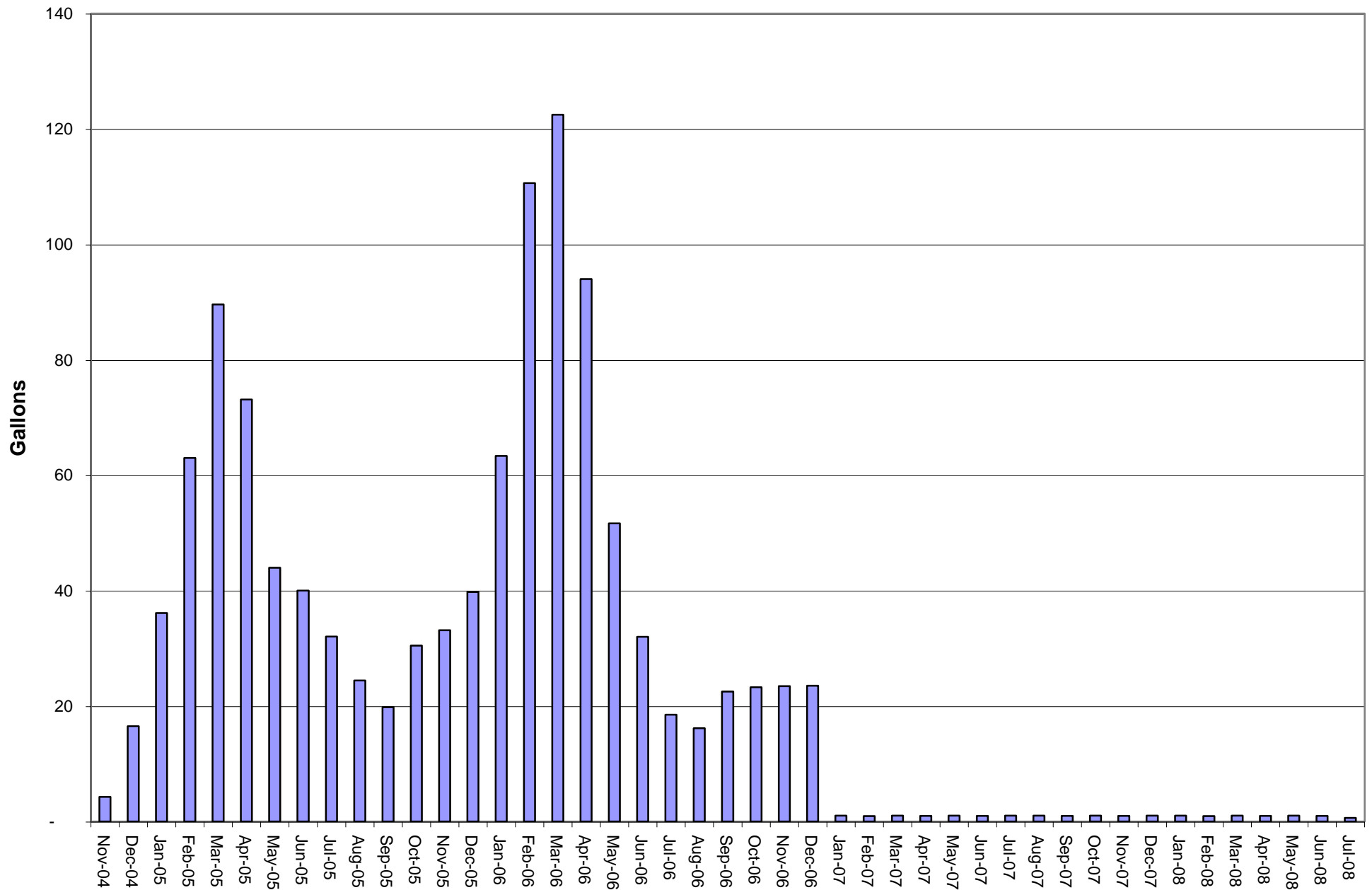
Point Thomson Development - North Slope Waste Generation

North Slope Construction Waste Stream - Hydraulic Fluid



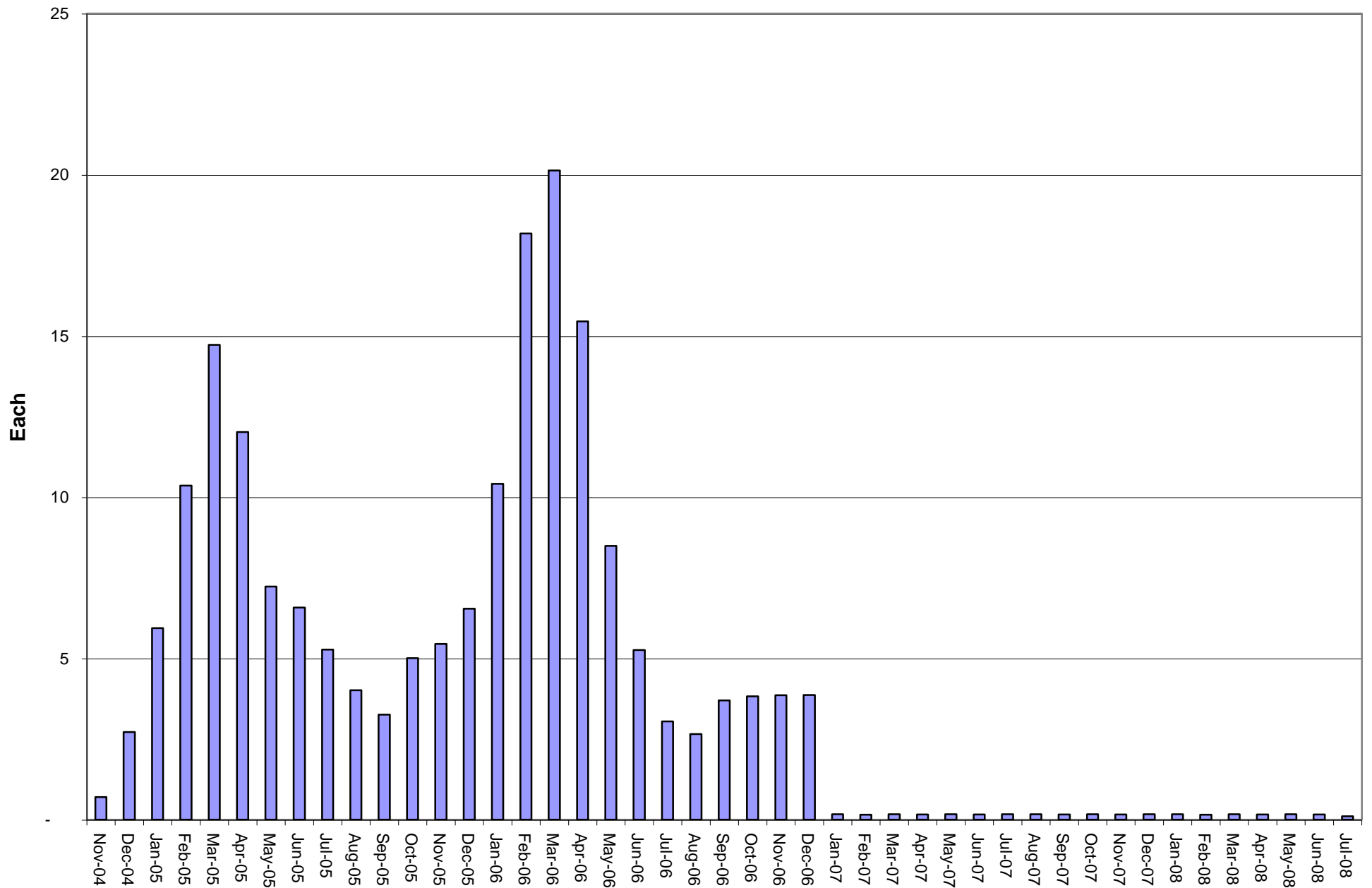
Point Thomson Development - North Slope Waste Generation

North Slope Construction Waste Stream - Antifreeze



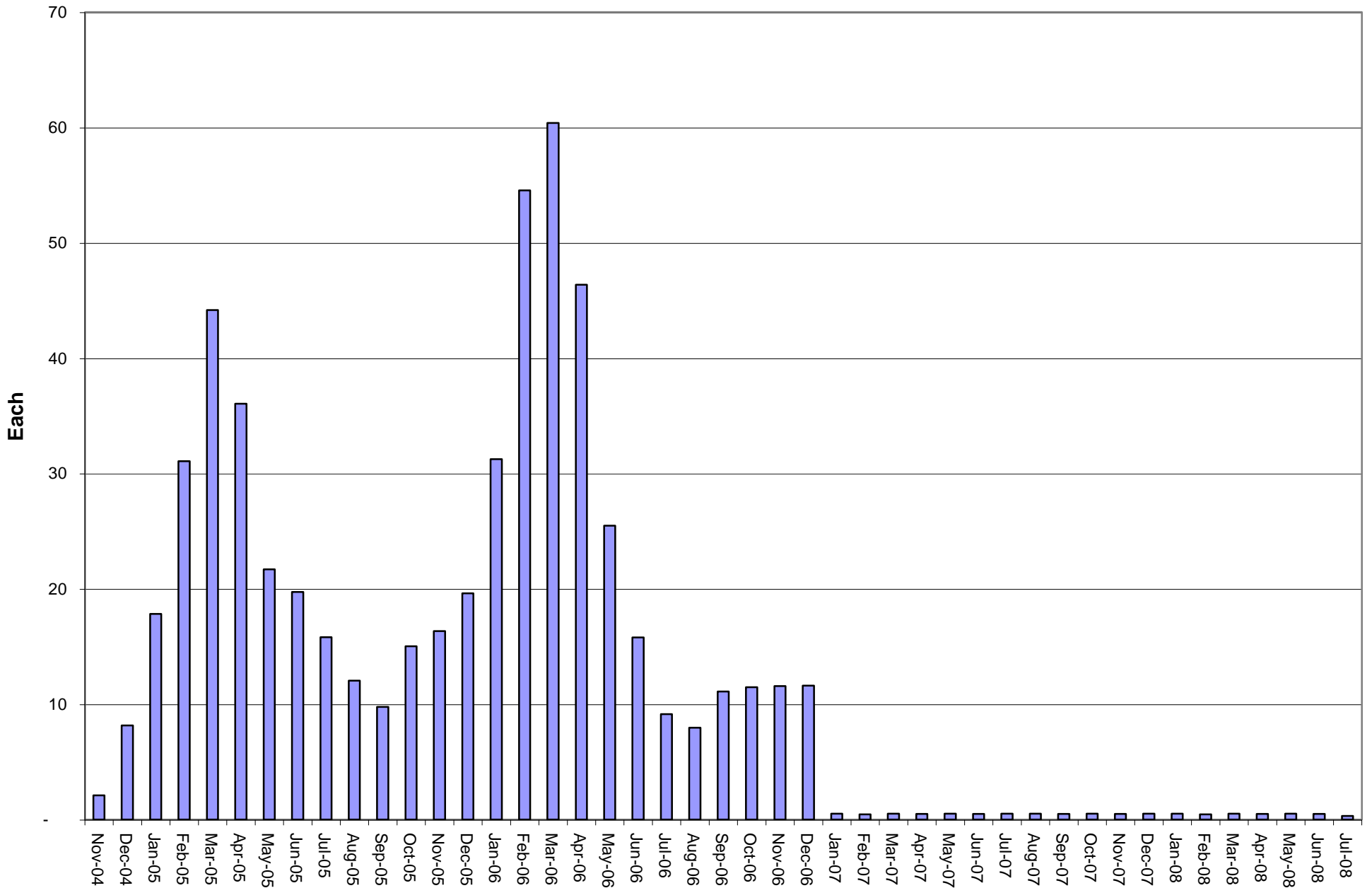
Point Thomson Development - North Slope Waste Generation

North Slope Construction Waste Stream - Used Batteries



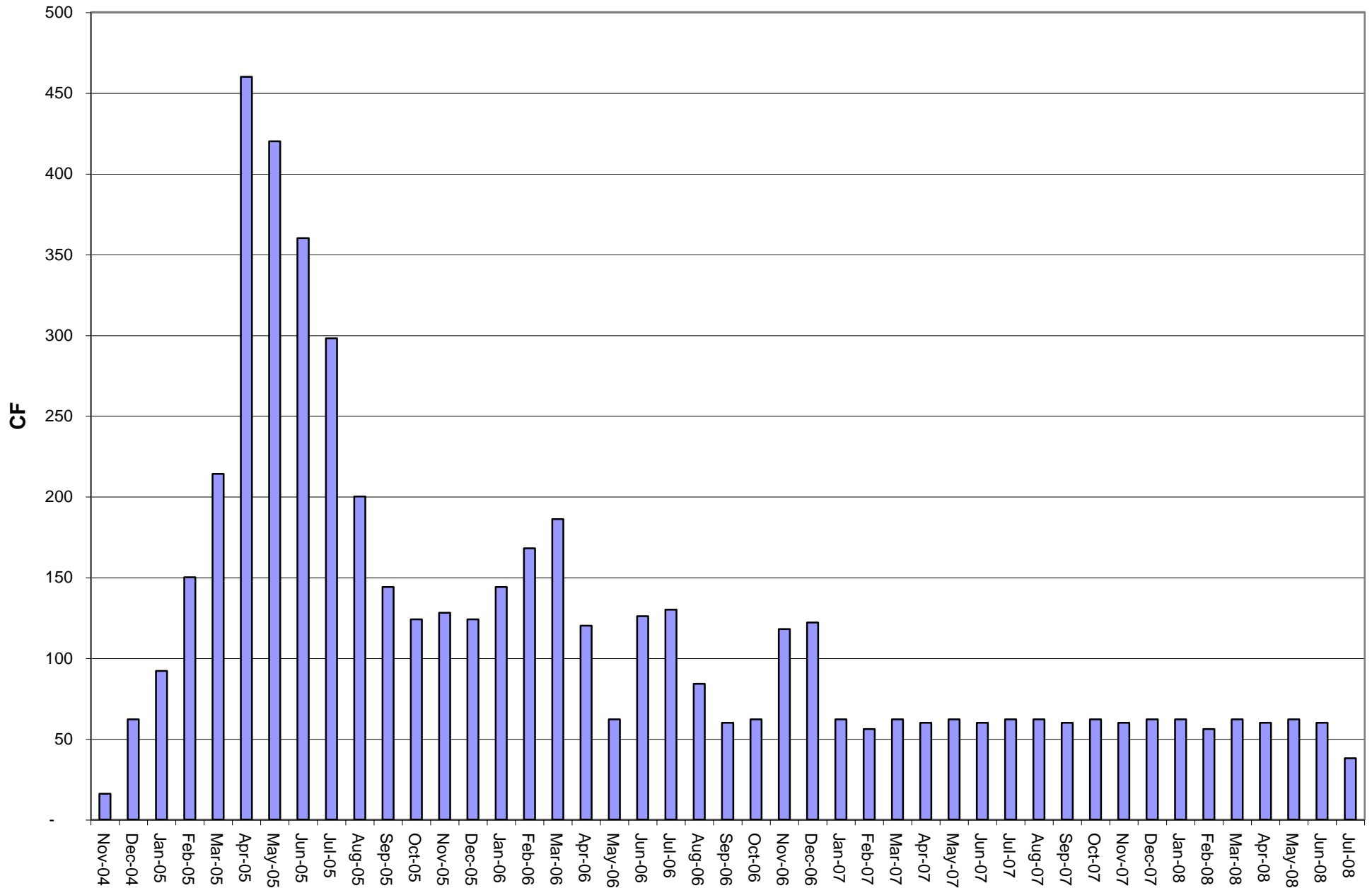
Point Thomson Development - North Slope Waste Generation

North Slope Construction Waste Stream - Used Tires



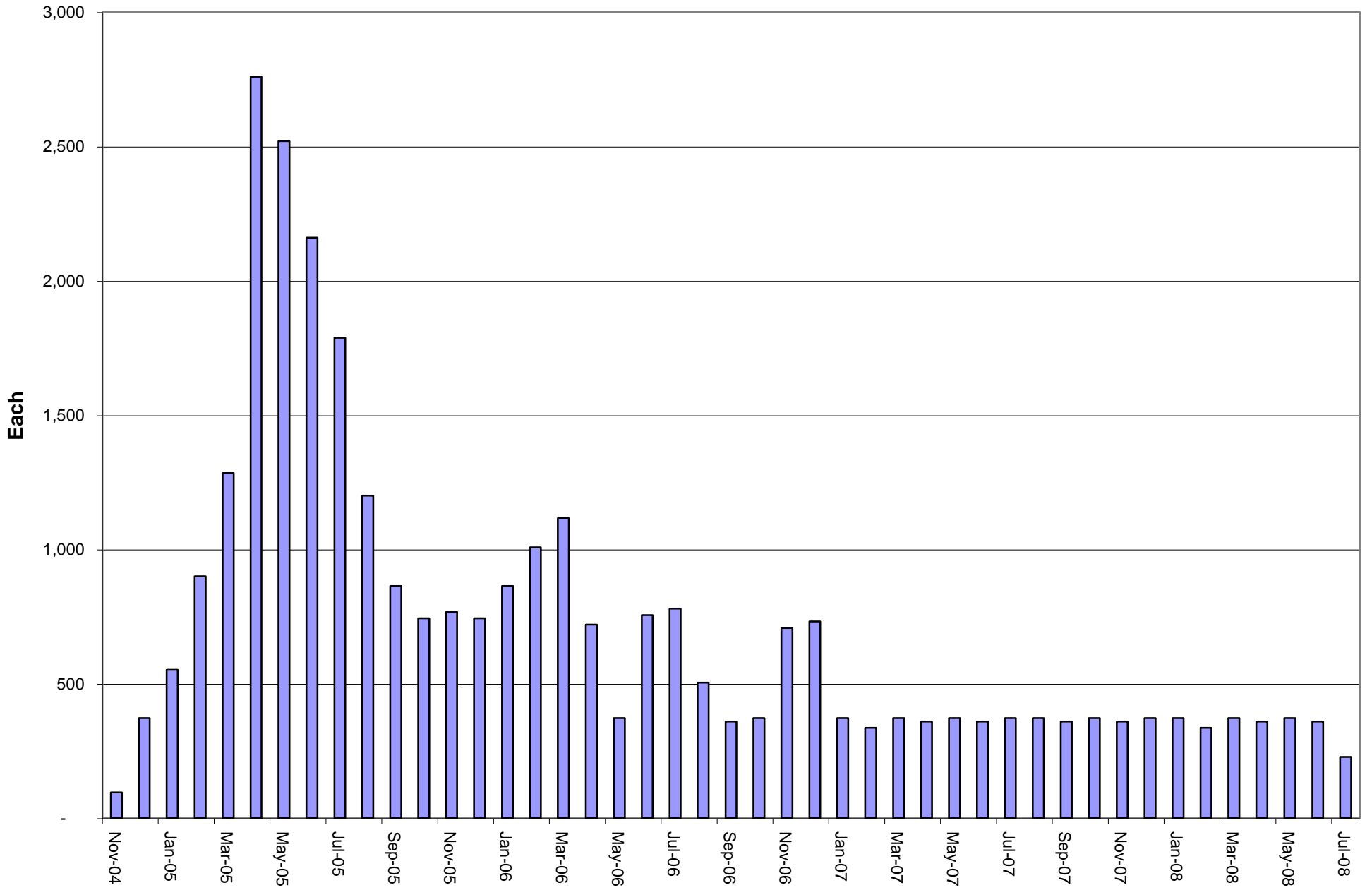
Point Thomson Development - North Slope Waste Generation

North Slope Construction Waste Stream - Oily Rags/Sorbents



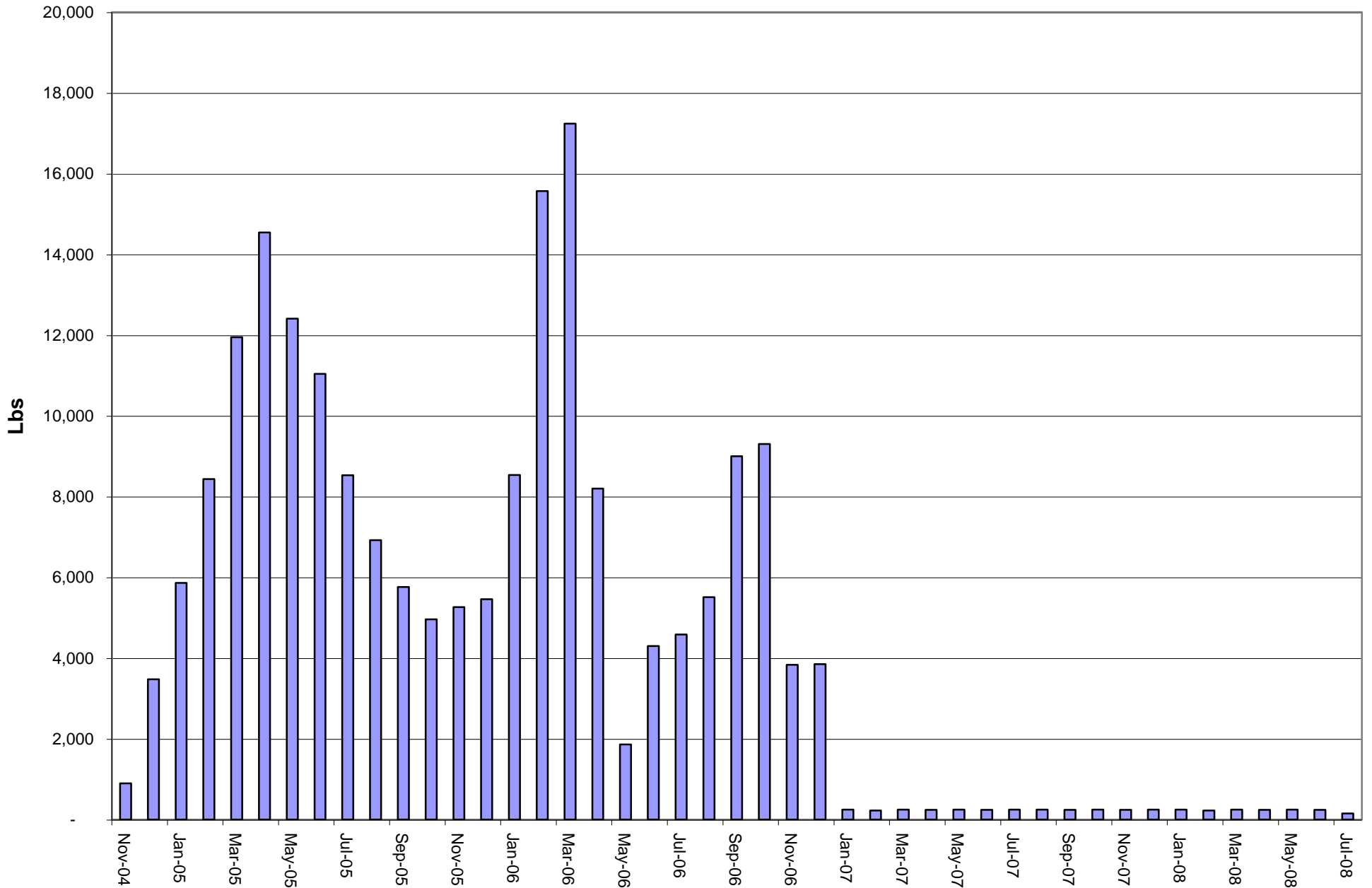
Point Thomson Development - North Slope Waste Generation

North Slope Construction Waste Stream - Sprays



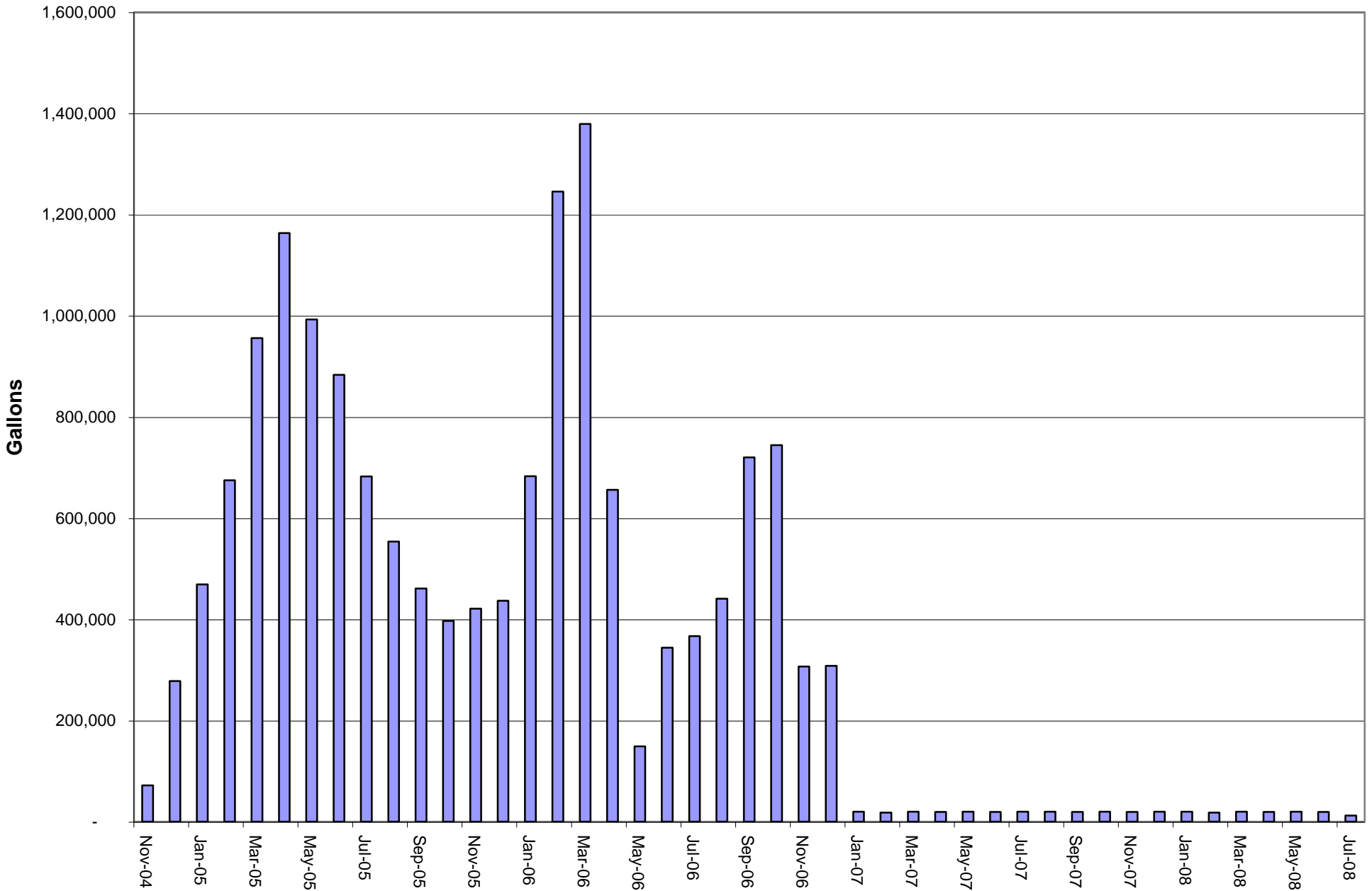
Point Thomson Development - North Slope Waste Generation

North Slope Construction Waste Stream - Office Supplies



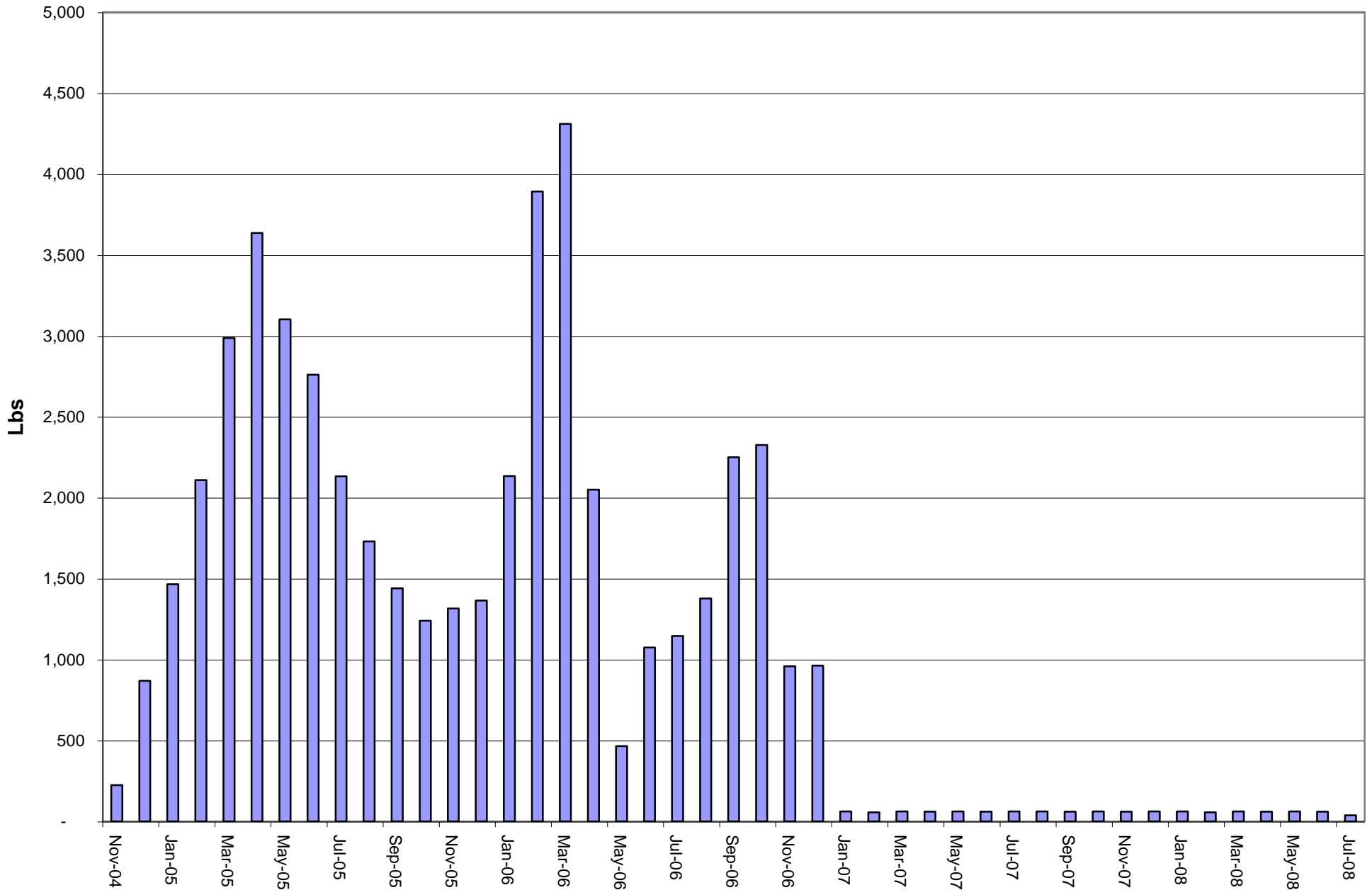
Point Thomson Development - North Slope Waste Generation

North Slope Construction Waste Stream - Camp Grey Water



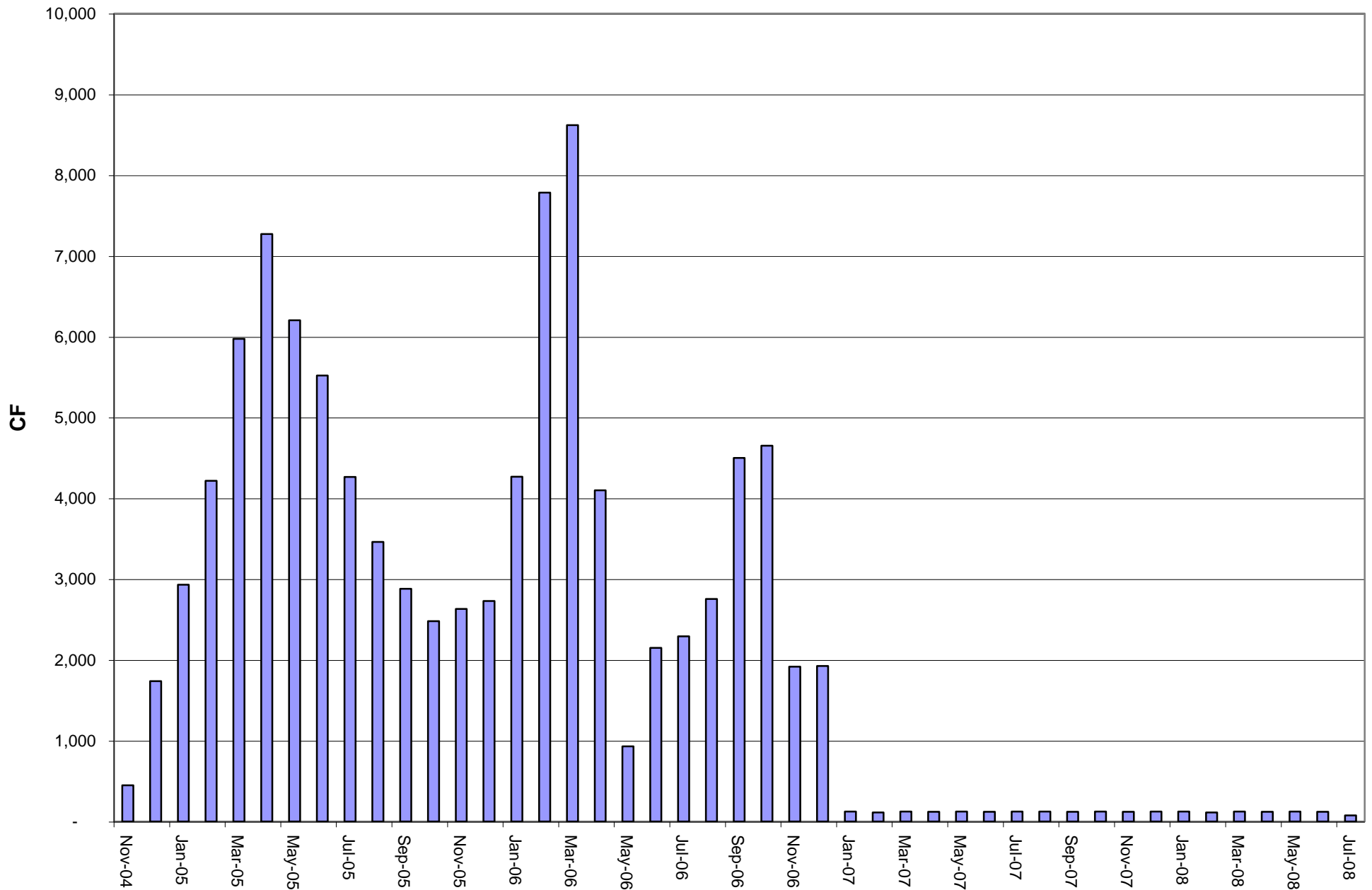
Point Thomson Development - North Slope Waste Generation

North Slope Construction Waste Stream - Camp Food Waste



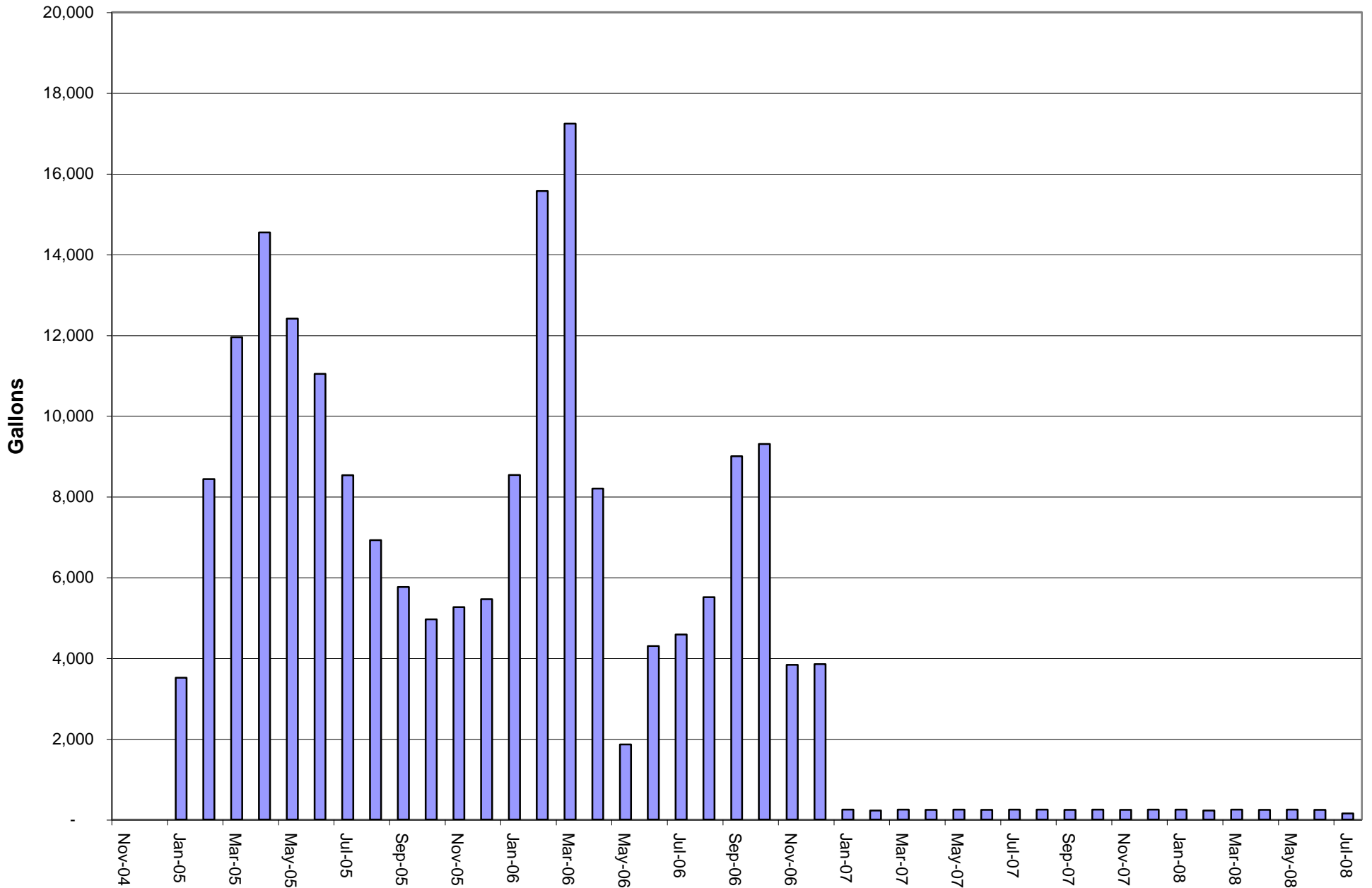
Point Thomson Development - North Slope Waste Generation

North Slope Construction Waste Stream - Non-Degradeable (Styrofoam)



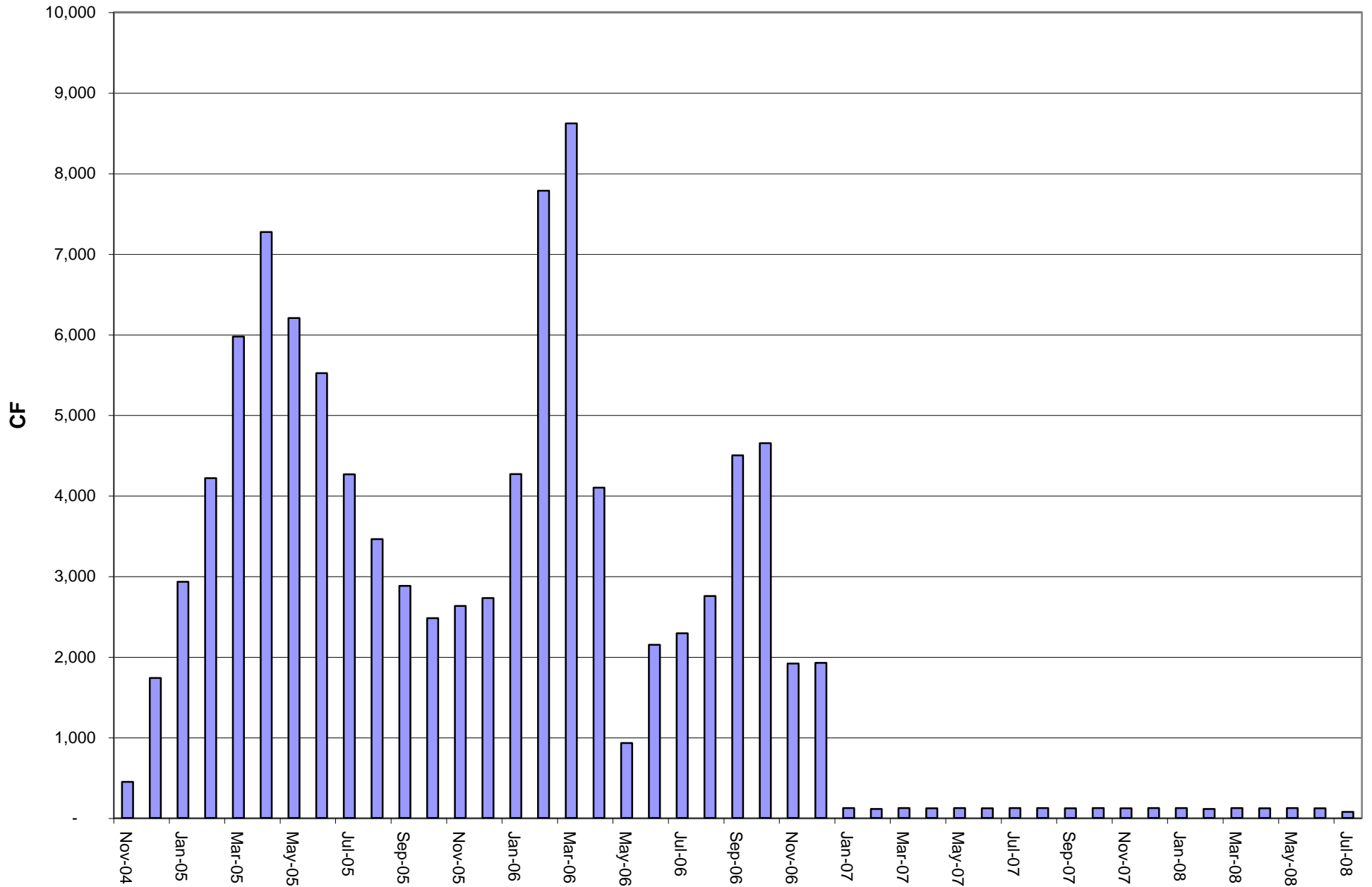
Point Thomson Development - North Slope Waste Generation

North Slope Construction Waste Stream - Sewage Sludge



Point Thomson Development - North Slope Waste Generation

North Slope Construction Waste Stream - General Waste



Waste Description	Nov-04	Dec-04	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06
Pallets	16	62	124	242	366	675	680	518	456	344	288	248	256	248	282	252	279	402	310	150	43	57
Plywood	16	62	124	242	366	803	704	548	464	344	288	248	256	248	309	336	372	447	310	150	43	57
Packaging/Wrapping	8	31	62	121	183	773	698	540	414	347	270	217	203	124	162	224	248	234	155	87	37	39
Used Oil	43	165	361	1,013	1,593	1,619	1,388	1,270	1,126	932	792	1,219	1,325	1,591	2,535	4,424	4,898	3,760	2,067	1,280	741	646
Air Filters	9	33	72	126	179	146	88	80	64	49	40	61	66	80	127	221	245	188	103	64	37	32
Hydraulic Fluid	1	5	10	17	24	19	11	10	8	6	5	8	8	10	16	28	31	24	13	8	5	4
Antifreeze	4	17	36	63	90	73	44	40	32	24	20	30	33	40	63	111	122	94	52	32	19	16
Used Batteries	1	3	6	10	15	12	7	7	5	4	3	5	5	7	10	18	20	15	8	5	3	3
Used Tires	2	8	18	31	44	36	22	20	16	12	10	15	16	20	31	55	60	46	25	16	9	8
Oily Rags/Sorbents	16	62	92	150	214	460	420	360	298	200	144	124	128	124	144	168	186	120	62	126	130	84
Sprays	96	372	552	900	1,284	2,760	2,520	2,160	1,788	1,200	864	744	768	744	864	1,008	1,116	720	372	756	780	504
Office Supplies	896	3,472	5,864	8,436	11,948	14,544	12,408	11,040	8,528	6,920	5,760	4,960	5,264	5,456	8,536	15,568	17,236	8,200	1,860	4,300	4,584	5,508
Camp Grey Water	71,680	277,760	469,120	674,880	955,840	1,163,520	992,640	883,200	682,240	553,600	460,800	396,800	421,120	436,480	682,880	1,245,440	1,378,880	656,000	148,800	344,000	366,720	440,640
Food Waste	224	868	1,466	2,109	2,987	3,636	3,102	2,760	2,132	1,730	1,440	1,240	1,316	1,364	2,134	3,892	4,309	2,050	465	1,075	1,146	1,377
Non-Degradable (styrofoam)	448	1,736	2,932	4,218	5,974	7,272	6,204	5,520	4,264	3,460	2,880	2,480	2,632	2,728	4,268	7,784	8,618	4,100	930	2,150	2,292	2,754
Sewage Sludge	-	-	3,512	8,436	11,948	14,544	12,408	11,040	8,528	6,920	5,760	4,960	5,264	5,456	8,536	15,568	17,236	8,200	1,860	4,300	4,584	5,508
General Waste (burnable)	448	1,736	2,932	4,218	5,974	7,272	6,204	5,520	4,264	3,460	2,880	2,480	2,632	2,728	4,268	7,784	8,618	4,100	930	2,150	2,292	2,754

Waste Description	Sep-06	Oct-06	Nov-06	Dec-06	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	
Pallets	120	124	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Plywood	120	124	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Packaging/Wrapping	60	62	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Used Oil	900	930	939	941	41	37	41	40	41	40	41	41	40	41	40	41	41	37	41	40	41	40	25	
Air Filters	45	47	47	47	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
Hydraulic Fluid	6	6	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Antifreeze	23	23	23	24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Used Batteries	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Used Tires	11	11	12	12	1	0	1	0	1	0	1	1	0	1	0	1	1	0	1	0	1	0	0	0
Oily Rags/Sorbents	60	62	118	122	62	56	62	60	62	60	62	62	60	62	60	62	62	56	62	60	62	60	60	38
Sprays	360	372	708	732	372	336	372	360	372	360	372	372	360	372	360	372	372	336	372	360	372	360	360	228
Office Supplies	9,000	9,300	3,832	3,848	248	224	248	240	248	240	248	248	240	248	240	248	248	224	248	240	248	240	240	152
Camp Grey Water	720,000	744,000	306,560	307,840	19,840	17,920	19,840	19,200	19,840	19,200	19,840	19,840	19,200	19,840	19,200	19,840	19,840	17,920	19,840	19,200	19,840	19,200	19,200	12,160
Food Waste	2,250	2,325	958	962	62	56	62	60	62	60	62	62	60	62	60	62	62	56	62	60	62	60	60	38
Non-Degradable (styrofoam)	4,500	4,650	1,916	1,924	124	112	124	120	124	120	124	124	120	124	120	124	124	112	124	120	124	120	120	76
Sewage Sludge	9,000	9,300	3,832	3,848	248	224	248	240	248	240	248	248	240	248	240	248	248	224	248	240	248	240	240	152
General Waste (burnable)	4,500	4,650	1,916	1,924	124	112	124	120	124	120	124	124	120	124	120	124	124	112	124	120	124	120	120	76

Waste Generation by Work Breakdown Structure

Level 1	Level 2	Schedule Activity	Early Start	Early Finish	Dur	Crew Size	Eqp Qty	Waste Description	Disp Meth	Disp Loc	Waste Unit	Waste Per Day	Total Waste
NS Construction - 1st Year	Ice Roads	Ice Road - 1st Year	11/22/04	1/21/05	60	56	32	Pallets	REC	FBX	ea	2	120
NS Construction - 1st Year	Ice Roads	Ice Road - 1st Year	11/22/04	1/21/05	60	56	32	Plywood	REC	FBX	ea	2	120
NS Construction - 1st Year	Ice Roads	Ice Road - 1st Year	11/22/04	1/21/05	60	56	32	Packaging/Wrapping	INC	BAD	cf	1	60
NS Construction - 1st Year	Ice Roads	Ice Road - 1st Year	11/22/04	1/21/05	60	56	32	Used Oil	REC	PBU	gal	5	320
NS Construction - 1st Year	Ice Roads	Ice Road - 1st Year	11/22/04	1/21/05	60	56	32	Air Filters	INC	BAD	ea	1	64
NS Construction - 1st Year	Ice Roads	Ice Road - 1st Year	11/22/04	1/21/05	60	56	32	Hydraulic Fluid	REC	PBU	gal	0.15	9
NS Construction - 1st Year	Ice Roads	Ice Road - 1st Year	11/22/04	1/21/05	60	56	32	Antifreeze	REC	PBU	gal	1	32
NS Construction - 1st Year	Ice Roads	Ice Road - 1st Year	11/22/04	1/21/05	60	56	32	Used Batteries	REC	FBX	ea	0.09	5
NS Construction - 1st Year	Ice Roads	Ice Road - 1st Year	11/22/04	1/21/05	60	56	32	Used Tires	REC	FBX	ea	0.26	16
NS Construction - 1st Year	Ice Roads	Ice Road - 1st Year	11/22/04	1/21/05	60	56	32	Oil Rags/Sorbents	INC	BAD	cf	2	120
NS Construction - 1st Year	Ice Roads	Ice Road - 1st Year	11/22/04	1/21/05	60	56	32	Sprays	LAN	NSB	ea	12	720
NS Construction - 1st Year	Ice Roads	Ice Road - 1st Year	11/22/04	1/21/05	60	56	32	Office Supplies	INC	BAD	lb	112	6,720
NS Construction - 1st Year	Ice Roads	Ice Road - 1st Year	11/22/04	1/21/05	60	56	32	Camp Grey Water	DW	PBU	gal	8,960	537,600
NS Construction - 1st Year	Ice Roads	Ice Road - 1st Year	11/22/04	1/21/05	60	56	32	Food Waste	INC	BAD	lb	28	1,680
NS Construction - 1st Year	Ice Roads	Ice Road - 1st Year	11/22/04	1/21/05	60	56	32	Non-Degradable (styrofoam)	LAN	NSB	cf	56	3,360
NS Construction - 1st Year	Ice Roads	Ice Road - 1st Year	11/22/04	1/21/05	60	56	32	Sewage Sludge	INC	PBU	gal	112	6,720
NS Construction - 1st Year	Ice Roads	Ice Road - 1st Year	11/22/04	1/21/05	60	56	32	General Waste (burnable)	INC	PBU	cf	56	3,360
NS Construction - 1st Year	Ice Roads	Ice Road Maintenance - 1st Year	1/22/05	4/15/05	84	28	24	Pallets	REC	FBX	ea	2	168
NS Construction - 1st Year	Ice Roads	Ice Road Maintenance - 1st Year	1/22/05	4/15/05	84	28	24	Plywood	REC	FBX	ea	2	168
NS Construction - 1st Year	Ice Roads	Ice Road Maintenance - 1st Year	1/22/05	4/15/05	84	28	24	Packaging/Wrapping	INC	BAD	cf	1	84
NS Construction - 1st Year	Ice Roads	Ice Road Maintenance - 1st Year	1/22/05	4/15/05	84	28	24	Used Oil	REC	PBU	gal	4	336
NS Construction - 1st Year	Ice Roads	Ice Road Maintenance - 1st Year	1/22/05	4/15/05	84	28	24	Air Filters	INC	BAD	ea	1	67
NS Construction - 1st Year	Ice Roads	Ice Road Maintenance - 1st Year	1/22/05	4/15/05	84	28	24	Hydraulic Fluid	REC	PBU	gal	0.15	13
NS Construction - 1st Year	Ice Roads	Ice Road Maintenance - 1st Year	1/22/05	4/15/05	84	28	24	Antifreeze	REC	PBU	gal	0	34
NS Construction - 1st Year	Ice Roads	Ice Road Maintenance - 1st Year	1/22/05	4/15/05	84	28	24	Used Batteries	REC	FBX	ea	0.07	6
NS Construction - 1st Year	Ice Roads	Ice Road Maintenance - 1st Year	1/22/05	4/15/05	84	28	24	Used Tires	REC	FBX	ea	0.20	17
NS Construction - 1st Year	Ice Roads	Ice Road Maintenance - 1st Year	1/22/05	4/15/05	84	28	24	Oil Rags/Sorbents	INC	BAD	cf	2	168
NS Construction - 1st Year	Ice Roads	Ice Road Maintenance - 1st Year	1/22/05	4/15/05	84	28	24	Sprays	LAN	NSB	ea	12	1,008
NS Construction - 1st Year	Ice Roads	Ice Road Maintenance - 1st Year	1/22/05	4/15/05	84	28	24	Office Supplies	INC	BAD	lb	56	4,704
NS Construction - 1st Year	Ice Roads	Ice Road Maintenance - 1st Year	1/22/05	4/15/05	84	28	24	Camp Grey Water	DW	PBU	gal	4,480	376,320
NS Construction - 1st Year	Ice Roads	Ice Road Maintenance - 1st Year	1/22/05	4/15/05	84	28	24	Food Waste	INC	BAD	lb	14	1,176
NS Construction - 1st Year	Ice Roads	Ice Road Maintenance - 1st Year	1/22/05	4/15/05	84	28	24	Non-Degradable (styrofoam)	LAN	NSB	cf	28	2,352
NS Construction - 1st Year	Ice Roads	Ice Road Maintenance - 1st Year	1/22/05	4/15/05	84	28	24	Sludge	INC	PBU	gal	56	4,704
NS Construction - 1st Year	Ice Roads	Ice Road Maintenance - 1st Year	1/22/05	4/15/05	84	28	24	General Waste (burnable)	INC	PBU	cf	28	2,352
NS Construction - 1st Year	Gravel Haul & Place	Gravel Haul & Placement (pads,roads,a/s,do)	1/15/05	4/15/05	91	94	80	Pallets	REC	FBX	ea	4	364
NS Construction - 1st Year	Gravel Haul & Place	Gravel Haul & Placement (pads,roads,a/s,do)	1/15/05	4/15/05	91	94	80	Plywood	REC	FBX	ea	4	364
NS Construction - 1st Year	Gravel Haul & Place	Gravel Haul & Placement (pads,roads,a/s,do)	1/15/05	4/15/05	91	94	80	Packaging/Wrapping	INC	BAD	cf	2	182
NS Construction - 1st Year	Gravel Haul & Place	Gravel Haul & Placement (pads,roads,a/s,do)	1/15/05	4/15/05	91	94	80	Used Oil	REC	PBU	gal	13	1,213
NS Construction - 1st Year	Gravel Haul & Place	Gravel Haul & Placement (pads,roads,a/s,do)	1/15/05	4/15/05	91	94	80	Air Filters	INC	BAD	ea	3	243
NS Construction - 1st Year	Gravel Haul & Place	Gravel Haul & Placement (pads,roads,a/s,do)	1/15/05	4/15/05	91	94	80	Hydraulic Fluid	REC	PBU	gal	0.33	30
NS Construction - 1st Year	Gravel Haul & Place	Gravel Haul & Placement (pads,roads,a/s,do)	1/15/05	4/15/05	91	94	80	Antifreeze	REC	PBU	gal	1	121
NS Construction - 1st Year	Gravel Haul & Place	Gravel Haul & Placement (pads,roads,a/s,do)	1/15/05	4/15/05	91	94	80	Used Batteries	REC	FBX	ea	0.22	20
NS Construction - 1st Year	Gravel Haul & Place	Gravel Haul & Placement (pads,roads,a/s,do)	1/15/05	4/15/05	91	94	80	Used Tires	REC	FBX	ea	0.66	60
NS Construction - 1st Year	Gravel Haul & Place	Gravel Haul & Placement (pads,roads,a/s,do)	1/15/05	4/15/05	91	94	80	Oil Rags/Sorbents	INC	BAD	cf	2	182
NS Construction - 1st Year	Gravel Haul & Place	Gravel Haul & Placement (pads,roads,a/s,do)	1/15/05	4/15/05	91	94	80	Sprays	LAN	NSB	ea	12	1,092
NS Construction - 1st Year	Gravel Haul & Place	Gravel Haul & Placement (pads,roads,a/s,do)	1/15/05	4/15/05	91	94	80	Office Supplies	INC	BAD	lb	188	17,108
NS Construction - 1st Year	Gravel Haul & Place	Gravel Haul & Placement (pads,roads,a/s,do)	1/15/05	4/15/05	91	94	80	Camp Grey Water	DW	PBU	gal	15,040	1,368,640
NS Construction - 1st Year	Gravel Haul & Place	Gravel Haul & Placement (pads,roads,a/s,do)	1/15/05	4/15/05	91	94	80	Food Waste	INC	BAD	lb	47	4,277
NS Construction - 1st Year	Gravel Haul & Place	Gravel Haul & Placement (pads,roads,a/s,do)	1/15/05	4/15/05	91	94	80	Non-Degradable (styrofoam)	LAN	NSB	cf	94	8,554
NS Construction - 1st Year	Gravel Haul & Place	Gravel Haul & Placement (pads,roads,a/s,do)	1/15/05	4/15/05	91	94	80	Sludge	INC	PBU	gal	188	17,108
NS Construction - 1st Year	Gravel Haul & Place	Gravel Haul & Placement (pads,roads,a/s,do)	1/15/05	4/15/05	91	94	80	General Waste (burnable)	INC	PBU	cf	94	8,554
NS Construction - 1st Year	Early Infrastructure - CPF	Foundations / Conductors - CPF Pad	3/1/05	3/15/05	14	68	54	Pallets	REC	FBX	ea	4	56
NS Construction - 1st Year	Early Infrastructure - CPF	Foundations / Conductors - CPF Pad	3/1/05	3/15/05	14	68	54	Plywood	REC	FBX	ea	4	56
NS Construction - 1st Year	Early Infrastructure - CPF	Foundations / Conductors - CPF Pad	3/1/05	3/15/05	14	68	54	Packaging/Wrapping	INC	BAD	cf	2	28
NS Construction - 1st Year	Early Infrastructure - CPF	Foundations / Conductors - CPF Pad	3/1/05	3/15/05	14	68	54	Used Oil	REC	PBU	gal	9	126
NS Construction - 1st Year	Early Infrastructure - CPF	Foundations / Conductors - CPF Pad	3/1/05	3/15/05	14	68	54	Air Filters	INC	BAD	ea	2	25
NS Construction - 1st Year	Early Infrastructure - CPF	Foundations / Conductors - CPF Pad	3/1/05	3/15/05	14	68	54	Hydraulic Fluid	REC	PBU	gal	0.23	3
NS Construction - 1st Year	Early Infrastructure - CPF	Foundations / Conductors - CPF Pad	3/1/05	3/15/05	14	68	54	Antifreeze	REC	PBU	gal	1	13
NS Construction - 1st Year	Early Infrastructure - CPF	Foundations / Conductors - CPF Pad	3/1/05	3/15/05	14	68	54	Used Batteries	REC	FBX	ea	0.15	2

Waste Generation by Work Breakdown Structure

Level 1	Level 2	Schedule Activity	Early Start	Early Finish	Dur	Crew Size	Eqp Qty	Waste Description	Disp Meth	Disp Loc	Waste Unit	Waste Per Day	Total Waste
NS Construction - 1st Year	Early Infrastructure - CPF	Foundations / Conductors - CPF Pad	3/1/05	3/15/05	14	68	54	Used Tires	REC	FBX	ea	0.44	6
NS Construction - 1st Year	Early Infrastructure - CPF	Foundations / Conductors - CPF Pad	3/1/05	3/15/05	14	68	54	Oily Rags/Sorbents	INC	BAD	cf	2	28
NS Construction - 1st Year	Early Infrastructure - CPF	Foundations / Conductors - CPF Pad	3/1/05	3/15/05	14	68	54	Sprays	LAN	NSB	ea	12	168
NS Construction - 1st Year	Early Infrastructure - CPF	Foundations / Conductors - CPF Pad	3/1/05	3/15/05	14	68	54	Office Supplies	INC	BAD	lb	136	1,904
NS Construction - 1st Year	Early Infrastructure - CPF	Foundations / Conductors - CPF Pad	3/1/05	3/15/05	14	68	54	Camp Grey Water	DW	PBU	gal	10,880	152,320
NS Construction - 1st Year	Early Infrastructure - CPF	Foundations / Conductors - CPF Pad	3/1/05	3/15/05	14	68	54	Food Waste	INC	BAD	lb	34	476
NS Construction - 1st Year	Early Infrastructure - CPF	Foundations / Conductors - CPF Pad	3/1/05	3/15/05	14	68	54	Non-Degradable (styrofoam)	LAN	NSB	cf	68	952
NS Construction - 1st Year	Early Infrastructure - CPF	Foundations / Conductors - CPF Pad	3/1/05	3/15/05	14	68	54	Sludge	INC	PBU	gal	136	1,904
NS Construction - 1st Year	Early Infrastructure - CPF	Foundations / Conductors - CPF Pad	3/1/05	3/15/05	14	68	54	General Waste (burnable)	INC	PBU	cf	68	952
NS Construction - 1st Year	Early Infrastructure - CPF	Install Communication Tower & Equip	4/5/05	4/28/05	24	12	7	Pallets	REC	FBX	ea	4	96
NS Construction - 1st Year	Early Infrastructure - CPF	Install Communication Tower & Equip	4/5/05	4/28/05	24	12	7	Plywood	REC	FBX	ea	4	96
NS Construction - 1st Year	Early Infrastructure - CPF	Install Communication Tower & Equip	4/5/05	4/28/05	24	12	7	Packaging/Wrapping	INC	PT	cf	2	48
NS Construction - 1st Year	Early Infrastructure - CPF	Install Communication Tower & Equip	4/5/05	4/28/05	24	12	7	Used Oil	REC	PBU	gal	1	28
NS Construction - 1st Year	Early Infrastructure - CPF	Install Communication Tower & Equip	4/5/05	4/28/05	24	12	7	Air Filters	INC	PT	ea	0	6
NS Construction - 1st Year	Early Infrastructure - CPF	Install Communication Tower & Equip	4/5/05	4/28/05	24	12	7	Hydraulic Fluid	REC	PBU	gal	0.03	1
NS Construction - 1st Year	Early Infrastructure - CPF	Install Communication Tower & Equip	4/5/05	4/28/05	24	12	7	Antifreeze	REC	PBU	gal	0	3
NS Construction - 1st Year	Early Infrastructure - CPF	Install Communication Tower & Equip	4/5/05	4/28/05	24	12	7	Used Batteries	REC	FBX	ea	0.02	0
NS Construction - 1st Year	Early Infrastructure - CPF	Install Communication Tower & Equip	4/5/05	4/28/05	24	12	7	Used Tires	REC	FBX	ea	0.06	1
NS Construction - 1st Year	Early Infrastructure - CPF	Install Communication Tower & Equip	4/5/05	4/28/05	24	12	7	Oily Rags/Sorbents	INC	PT	cf	2	48
NS Construction - 1st Year	Early Infrastructure - CPF	Install Communication Tower & Equip	4/5/05	4/28/05	24	12	7	Sprays	LAN	NSB	ea	12	288
NS Construction - 1st Year	Early Infrastructure - CPF	Install Communication Tower & Equip	4/5/05	4/28/05	24	12	7	Office Supplies	INC	PT	lb	24	576
NS Construction - 1st Year	Early Infrastructure - CPF	Install Communication Tower & Equip	4/5/05	4/28/05	24	12	7	Camp Grey Water	DW	PBU	gal	1,920	46,080
NS Construction - 1st Year	Early Infrastructure - CPF	Install Communication Tower & Equip	4/5/05	4/28/05	24	12	7	Food Waste	INC	PT	lb	6	144
NS Construction - 1st Year	Early Infrastructure - CPF	Install Communication Tower & Equip	4/5/05	4/28/05	24	12	7	Non-Degradable (styrofoam)	LAN	NSB	cf	12	288
NS Construction - 1st Year	Early Infrastructure - CPF	Install Communication Tower & Equip	4/5/05	4/28/05	24	12	7	Sludge	INC	PT	gal	24	576
NS Construction - 1st Year	Early Infrastructure - CPF	Install Communication Tower & Equip	4/5/05	4/28/05	24	12	7	General Waste (burnable)	INC	PT	cf	12	288
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Foundation for Diesel Tank	4/5/05	5/5/05	31	20	12	Pallets	REC	FBX	ea	4	124
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Foundation for Diesel Tank	4/5/05	5/5/05	31	20	12	Plywood	REC	FBX	ea	4	124
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Foundation for Diesel Tank	4/5/05	5/5/05	31	20	12	Packaging/Wrapping	INC	PT	cf	2	62
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Foundation for Diesel Tank	4/5/05	5/5/05	31	20	12	Used Oil	REC	PBU	gal	2	62
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Foundation for Diesel Tank	4/5/05	5/5/05	31	20	12	Air Filters	INC	PT	ea	0	12
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Foundation for Diesel Tank	4/5/05	5/5/05	31	20	12	Hydraulic Fluid	REC	PBU	gal	0.05	2
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Foundation for Diesel Tank	4/5/05	5/5/05	31	20	12	Antifreeze	REC	PBU	gal	0	6
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Foundation for Diesel Tank	4/5/05	5/5/05	31	20	12	Used Batteries	REC	FBX	ea	0.03	1
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Foundation for Diesel Tank	4/5/05	5/5/05	31	20	12	Used Tires	REC	FBX	ea	0.10	3
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Foundation for Diesel Tank	4/5/05	5/5/05	31	20	12	Oily Rags/Sorbents	INC	PT	cf	2	62
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Foundation for Diesel Tank	4/5/05	5/5/05	31	20	12	Sprays	LAN	NSB	ea	12	372
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Foundation for Diesel Tank	4/5/05	5/5/05	31	20	12	Office Supplies	INC	PT	lb	40	1,240
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Foundation for Diesel Tank	4/5/05	5/5/05	31	20	12	Camp Grey Water	DW	PBU	gal	3,200	99,200
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Foundation for Diesel Tank	4/5/05	5/5/05	31	20	12	Food Waste	INC	PT	lb	10	310
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Foundation for Diesel Tank	4/5/05	5/5/05	31	20	12	Non-Degradable (styrofoam)	LAN	NSB	cf	20	620
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Foundation for Diesel Tank	4/5/05	5/5/05	31	20	12	Sludge	INC	PT	gal	40	1,240
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Foundation for Diesel Tank	4/5/05	5/5/05	31	20	12	General Waste (burnable)	INC	PT	cf	20	620
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Diesel Tank	4/5/05	7/8/05	95	40	16	Pallets	REC	FBX	ea	1	95
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Diesel Tank	4/5/05	7/8/05	95	40	16	Plywood	REC	FBX	ea	2	190
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Diesel Tank	4/5/05	7/8/05	95	40	16	Packaging/Wrapping	INC	PT	cf	4	380
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Diesel Tank	4/5/05	7/8/05	95	40	16	Used Oil	REC	PBU	gal	3	253
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Diesel Tank	4/5/05	7/8/05	95	40	16	Air Filters	INC	PT	ea	1	51
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Diesel Tank	4/5/05	7/8/05	95	40	16	Hydraulic Fluid	REC	PBU	gal	0.07	6
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Diesel Tank	4/5/05	7/8/05	95	40	16	Antifreeze	REC	PBU	gal	0	25
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Diesel Tank	4/5/05	7/8/05	95	40	16	Used Batteries	REC	FBX	ea	0.04	4
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Diesel Tank	4/5/05	7/8/05	95	40	16	Used Tires	REC	FBX	ea	0.13	12
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Diesel Tank	4/5/05	7/8/05	95	40	16	Oily Rags/Sorbents	INC	PT	cf	2	190
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Diesel Tank	4/5/05	7/8/05	95	40	16	Sprays	LAN	NSB	ea	12	1,140
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Diesel Tank	4/5/05	7/8/05	95	40	16	Office Supplies	INC	PT	lb	80	7,600
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Diesel Tank	4/5/05	7/8/05	95	40	16	Camp Grey Water	DW	PBU	gal	6,400	608,000
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Diesel Tank	4/5/05	7/8/05	95	40	16	Food Waste	INC	PT	lb	20	1,900
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Diesel Tank	4/5/05	7/8/05	95	40	16	Non-Degradable (styrofoam)	LAN	NSB	cf	40	3,800
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Diesel Tank	4/5/05	7/8/05	95	40	16	Sludge	INC	PT	gal	80	7,600

Waste Generation by Work Breakdown Structure

Level 1	Level 2	Schedule Activity	Early Start	Early Finish	Dur	Crew Size	Eqp Qty	Waste Description	Disp Meth	Disp Loc	Waste Unit	Waste Per Day	Total Waste
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Diesel Tank	4/5/05	7/8/05	95	40	16	General Waste (burnable)	INC	PT	cf	40	3,800
NS Construction - 1st Year	Early Infrastructure - CPF	Install,HU,Test & Comm Pwr Gen Skid	4/5/05	8/15/05	133	4	6	Pallets	REC	FBX	ea	0.25	33
NS Construction - 1st Year	Early Infrastructure - CPF	Install,HU,Test & Comm Pwr Gen Skid	4/5/05	8/15/05	133	4	6	Plywood	REC	FBX	ea	0	33
NS Construction - 1st Year	Early Infrastructure - CPF	Install,HU,Test & Comm Pwr Gen Skid	4/5/05	8/15/05	133	4	6	Packaging/Wrapping	INC	PT	cf	1	133
NS Construction - 1st Year	Early Infrastructure - CPF	Install,HU,Test & Comm Pwr Gen Skid	4/5/05	8/15/05	133	4	6	Used Oil	REC	PBU	gal	1	133
NS Construction - 1st Year	Early Infrastructure - CPF	Install,HU,Test & Comm Pwr Gen Skid	4/5/05	8/15/05	133	4	6	Air Filters	INC	PT	ea	0	27
NS Construction - 1st Year	Early Infrastructure - CPF	Install,HU,Test & Comm Pwr Gen Skid	4/5/05	8/15/05	133	4	6	Hydraulic Fluid	REC	PBU	gal	0.03	3
NS Construction - 1st Year	Early Infrastructure - CPF	Install,HU,Test & Comm Pwr Gen Skid	4/5/05	8/15/05	133	4	6	Antifreeze	REC	PBU	gal	0	13
NS Construction - 1st Year	Early Infrastructure - CPF	Install,HU,Test & Comm Pwr Gen Skid	4/5/05	8/15/05	133	4	6	Used Batteries	REC	FBX	ea	0.02	2
NS Construction - 1st Year	Early Infrastructure - CPF	Install,HU,Test & Comm Pwr Gen Skid	4/5/05	8/15/05	133	4	6	Used Tires	REC	FBX	ea	0.05	7
NS Construction - 1st Year	Early Infrastructure - CPF	Install,HU,Test & Comm Pwr Gen Skid	4/5/05	8/15/05	133	4	6	Oily Rags/Sorbents	INC	PT	cf	2	266
NS Construction - 1st Year	Early Infrastructure - CPF	Install,HU,Test & Comm Pwr Gen Skid	4/5/05	8/15/05	133	4	6	Sprays	LAN	NSB	ea	12	1,596
NS Construction - 1st Year	Early Infrastructure - CPF	Install,HU,Test & Comm Pwr Gen Skid	4/5/05	8/15/05	133	4	6	Office Supplies	INC	PT	lb	8	1,064
NS Construction - 1st Year	Early Infrastructure - CPF	Install,HU,Test & Comm Pwr Gen Skid	4/5/05	8/15/05	133	4	6	Camp Grey Water	DW	PBU	gal	640	85,120
NS Construction - 1st Year	Early Infrastructure - CPF	Install,HU,Test & Comm Pwr Gen Skid	4/5/05	8/15/05	133	4	6	Food Waste	INC	PT	lb	2	266
NS Construction - 1st Year	Early Infrastructure - CPF	Install,HU,Test & Comm Pwr Gen Skid	4/5/05	8/15/05	133	4	6	Non-Degradable (styrofoam)	LAN	NSB	cf	4	532
NS Construction - 1st Year	Early Infrastructure - CPF	Install,HU,Test & Comm Pwr Gen Skid	4/5/05	8/15/05	133	4	6	Sludge	INC	PT	gal	8	1,064
NS Construction - 1st Year	Early Infrastructure - CPF	Install,HU,Test & Comm Pwr Gen Skid	4/5/05	8/15/05	133	4	6	General Waste (burnable)	INC	PT	cf	4	532
NS Construction - 1st Year	Early Infrastructure - CPF	Emergency Generator Testing Fuel Usage	11/1/06	7/18/08	625	4	2	Pallets	REC	FBX	ea	-	-
NS Construction - 1st Year	Early Infrastructure - CPF	Emergency Generator Testing Fuel Usage	11/1/06	7/18/08	625	4	2	Plywood	REC	FBX	ea	-	-
NS Construction - 1st Year	Early Infrastructure - CPF	Emergency Generator Testing Fuel Usage	11/1/06	7/18/08	625	4	2	Packaging/Wrapping	INC	PT	cf	-	-
NS Construction - 1st Year	Early Infrastructure - CPF	Emergency Generator Testing Fuel Usage	11/1/06	7/18/08	625	4	2	Used Oil	REC	PBU	gal	1	833
NS Construction - 1st Year	Early Infrastructure - CPF	Emergency Generator Testing Fuel Usage	11/1/06	7/18/08	625	4	2	Air Filters	INC	PT	ea	0	42
NS Construction - 1st Year	Early Infrastructure - CPF	Emergency Generator Testing Fuel Usage	11/1/06	7/18/08	625	4	2	Hydraulic Fluid	REC	PBU	gal	0.01	5
NS Construction - 1st Year	Early Infrastructure - CPF	Emergency Generator Testing Fuel Usage	11/1/06	7/18/08	625	4	2	Antifreeze	REC	PBU	gal	0	21
NS Construction - 1st Year	Early Infrastructure - CPF	Emergency Generator Testing Fuel Usage	11/1/06	7/18/08	625	4	2	Used Batteries	REC	FBX	ea	0.01	3
NS Construction - 1st Year	Early Infrastructure - CPF	Emergency Generator Testing Fuel Usage	11/1/06	7/18/08	625	4	2	Used Tires	REC	FBX	ea	0.02	10
NS Construction - 1st Year	Early Infrastructure - CPF	Emergency Generator Testing Fuel Usage	11/1/06	7/18/08	625	4	2	Oily Rags/Sorbents	INC	PT	cf	2	1,250
NS Construction - 1st Year	Early Infrastructure - CPF	Emergency Generator Testing Fuel Usage	11/1/06	7/18/08	625	4	2	Sprays	LAN	NSB	ea	12	7,500
NS Construction - 1st Year	Early Infrastructure - CPF	Emergency Generator Testing Fuel Usage	11/1/06	7/18/08	625	4	2	Office Supplies	INC	PT	lb	8	5,000
NS Construction - 1st Year	Early Infrastructure - CPF	Emergency Generator Testing Fuel Usage	11/1/06	7/18/08	625	4	2	Camp Grey Water	DW	PBU	gal	640	400,000
NS Construction - 1st Year	Early Infrastructure - CPF	Emergency Generator Testing Fuel Usage	11/1/06	7/18/08	625	4	2	Food Waste	INC	PT	lb	2	1,250
NS Construction - 1st Year	Early Infrastructure - CPF	Emergency Generator Testing Fuel Usage	11/1/06	7/18/08	625	4	2	Non-Degradable (styrofoam)	LAN	NSB	cf	4	2,500
NS Construction - 1st Year	Early Infrastructure - CPF	Emergency Generator Testing Fuel Usage	11/1/06	7/18/08	625	4	2	Sludge	INC	PT	gal	8	5,000
NS Construction - 1st Year	Early Infrastructure - CPF	Emergency Generator Testing Fuel Usage	11/1/06	7/18/08	625	4	2	General Waste (burnable)	INC	PT	cf	4	2,500
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Construction Camp	4/5/05	9/12/05	161	40	14	Pallets	REC	FBX	ea	4	644
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Construction Camp	4/5/05	9/12/05	161	40	14	Plywood	REC	FBX	ea	4	644
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Construction Camp	4/5/05	9/12/05	161	40	14	Packaging/Wrapping	INC	PT	cf	5	805
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Construction Camp	4/5/05	9/12/05	161	40	14	Used Oil	REC	PBU	gal	9	1,503
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Construction Camp	4/5/05	9/12/05	161	40	14	Air Filters	INC	PT	ea	0	75
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Construction Camp	4/5/05	9/12/05	161	40	14	Hydraulic Fluid	REC	PBU	gal	0.06	9
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Construction Camp	4/5/05	9/12/05	161	40	14	Antifreeze	REC	PBU	gal	0	38
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Construction Camp	4/5/05	9/12/05	161	40	14	Used Batteries	REC	FBX	ea	0.04	6
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Construction Camp	4/5/05	9/12/05	161	40	14	Used Tires	REC	FBX	ea	0.12	19
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Construction Camp	4/5/05	9/12/05	161	40	14	Oily Rags/Sorbents	INC	PT	cf	2	322
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Construction Camp	4/5/05	9/12/05	161	40	14	Sprays	LAN	NSB	ea	12	1,932
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Construction Camp	4/5/05	9/12/05	161	40	14	Office Supplies	INC	PT	lb	80	12,880
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Construction Camp	4/5/05	9/12/05	161	40	14	Camp Grey Water	DW	PBU	gal	6,400	1,030,400
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Construction Camp	4/5/05	9/12/05	161	40	14	Food Waste	INC	PT	lb	20	3,220
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Construction Camp	4/5/05	9/12/05	161	40	14	Non-Degradable (styrofoam)	LAN	NSB	cf	40	6,440
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Construction Camp	4/5/05	9/12/05	161	40	14	Sludge	INC	PT	gal	80	12,880
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Construction Camp	4/5/05	9/12/05	161	40	14	General Waste (burnable)	INC	PT	cf	40	6,440
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Warehouse	4/19/05	7/19/05	92	40	14	Pallets	REC	FBX	ea	4	368
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Warehouse	4/19/05	7/19/05	92	40	14	Plywood	REC	FBX	ea	4	368
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Warehouse	4/19/05	7/19/05	92	40	14	Packaging/Wrapping	INC	PT	cf	4	368
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Warehouse	4/19/05	7/19/05	92	40	14	Used Oil	REC	PBU	gal	9	859
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Warehouse	4/19/05	7/19/05	92	40	14	Air Filters	INC	PT	ea	0	43
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Warehouse	4/19/05	7/19/05	92	40	14	Hydraulic Fluid	REC	PBU	gal	0.06	5
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Warehouse	4/19/05	7/19/05	92	40	14	Antifreeze	REC	PBU	gal	0	21

Waste Generation by Work Breakdown Structure

Level 1	Level 2	Schedule Activity	Early Start	Early Finish	Dur	Crew Size	Eqp Qty	Waste Description	Disp Meth	Disp Loc	Waste Unit	Waste Per Day	Total Waste
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Warehouse	4/19/05	7/19/05	92	40	14	Used Batteries	REC	FBX	ea	0.04	4
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Warehouse	4/19/05	7/19/05	92	40	14	Used Tires	REC	FBX	ea	0.12	11
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Warehouse	4/19/05	7/19/05	92	40	14	Oily Rags/Sorbents	INC	PT	cf	2	184
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Warehouse	4/19/05	7/19/05	92	40	14	Sprays	LAN	NSB	ea	12	1,104
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Warehouse	4/19/05	7/19/05	92	40	14	Office Supplies	INC	PT	lb	80	7,360
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Warehouse	4/19/05	7/19/05	92	40	14	Camp Grey Water	DW	PBU	gal	6,400	588,800
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Warehouse	4/19/05	7/19/05	92	40	14	Food Waste	INC	PT	lb	20	1,840
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Warehouse	4/19/05	7/19/05	92	40	14	Non-Degradable (styrofoam)	LAN	NSB	cf	40	3,680
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Warehouse	4/19/05	7/19/05	92	40	14	Sludge	INC	PT	gal	80	7,360
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Warehouse	4/19/05	7/19/05	92	40	14	General Waste (burnable)	INC	PT	cf	40	3,680
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Foundation Warehouse	4/19/05	5/19/05	31	20	5	Pallets	REC	FBX	ea	7	217
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Foundation Warehouse	4/19/05	5/19/05	31	20	5	Plywood	REC	FBX	ea	6	186
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Foundation Warehouse	4/19/05	5/19/05	31	20	5	Packaging/Wrapping	INC	PT	cf	6	186
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Foundation Warehouse	4/19/05	5/19/05	31	20	5	Used Oil	REC	PBU	gal	3	103
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Foundation Warehouse	4/19/05	5/19/05	31	20	5	Air Filters	INC	PT	ea	0	5
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Foundation Warehouse	4/19/05	5/19/05	31	20	5	Hydraulic Fluid	REC	PBU	gal	0.02	1
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Foundation Warehouse	4/19/05	5/19/05	31	20	5	Antifreeze	REC	PBU	gal	0	3
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Foundation Warehouse	4/19/05	5/19/05	31	20	5	Used Batteries	REC	FBX	ea	0.01	0
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Foundation Warehouse	4/19/05	5/19/05	31	20	5	Used Tires	REC	FBX	ea	0.04	1
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Foundation Warehouse	4/19/05	5/19/05	31	20	5	Oily Rags/Sorbents	INC	PT	cf	2	62
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Foundation Warehouse	4/19/05	5/19/05	31	20	5	Sprays	LAN	NSB	ea	12	372
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Foundation Warehouse	4/19/05	5/19/05	31	20	5	Office Supplies	INC	PT	lb	40	1,240
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Foundation Warehouse	4/19/05	5/19/05	31	20	5	Camp Grey Water	DW	PBU	gal	3,200	99,200
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Foundation Warehouse	4/19/05	5/19/05	31	20	5	Food Waste	INC	PT	lb	10	310
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Foundation Warehouse	4/19/05	5/19/05	31	20	5	Non-Degradable (styrofoam)	LAN	NSB	cf	20	620
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Foundation Warehouse	4/19/05	5/19/05	31	20	5	Sludge	INC	PT	gal	40	1,240
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Foundation Warehouse	4/19/05	5/19/05	31	20	5	General Waste (burnable)	INC	PT	cf	20	620
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Permanent Camp	8/9/05	11/25/05	109	40	14	Pallets	REC	FBX	ea	4	436
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Permanent Camp	8/9/05	11/25/05	109	40	14	Plywood	REC	FBX	ea	4	436
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Permanent Camp	8/9/05	11/25/05	109	40	14	Packaging/Wrapping	INC	PT	cf	5	545
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Permanent Camp	8/9/05	11/25/05	109	40	14	Used Oil	REC	PBU	gal	9	1,017
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Permanent Camp	8/9/05	11/25/05	109	40	14	Air Filters	INC	PT	ea	0	51
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Permanent Camp	8/9/05	11/25/05	109	40	14	Hydraulic Fluid	REC	PBU	gal	0.06	6
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Permanent Camp	8/9/05	11/25/05	109	40	14	Antifreeze	REC	PBU	gal	0	25
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Permanent Camp	8/9/05	11/25/05	109	40	14	Used Batteries	REC	FBX	ea	0.04	4
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Permanent Camp	8/9/05	11/25/05	109	40	14	Used Tires	REC	FBX	ea	0.12	13
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Permanent Camp	8/9/05	11/25/05	109	40	14	Oily Rags/Sorbents	INC	PT	cf	2	218
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Permanent Camp	8/9/05	11/25/05	109	40	14	Sprays	LAN	NSB	ea	12	1,308
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Permanent Camp	8/9/05	11/25/05	109	40	14	Office Supplies	INC	PT	lb	80	8,720
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Permanent Camp	8/9/05	11/25/05	109	40	14	Camp Grey Water	DW	PBU	gal	6,400	697,600
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Permanent Camp	8/9/05	11/25/05	109	40	14	Food Waste	INC	PT	lb	20	2,180
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Permanent Camp	8/9/05	11/25/05	109	40	14	Non-Degradable (styrofoam)	LAN	NSB	cf	40	4,360
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Permanent Camp	8/9/05	11/25/05	109	40	14	Sludge	INC	PT	gal	80	8,720
NS Construction - 1st Year	Early Infrastructure - CPF	Erect Permanent Camp	8/9/05	11/25/05	109	40	14	General Waste (burnable)	INC	PT	cf	40	4,360
NS Construction - 1st Year	Early Infrastructure - General	Dock Sheet Piling	4/12/05	5/2/05	21	30	12	Pallets	REC	FBX	ea	-	-
NS Construction - 1st Year	Early Infrastructure - General	Dock Sheet Piling	4/12/05	5/2/05	21	30	12	Plywood	REC	FBX	ea	6	126
NS Construction - 1st Year	Early Infrastructure - General	Dock Sheet Piling	4/12/05	5/2/05	21	30	12	Packaging/Wrapping	INC	PT	cf	10	210
NS Construction - 1st Year	Early Infrastructure - General	Dock Sheet Piling	4/12/05	5/2/05	21	30	12	Used Oil	REC	PBU	gal	8	168
NS Construction - 1st Year	Early Infrastructure - General	Dock Sheet Piling	4/12/05	5/2/05	21	30	12	Air Filters	INC	PT	ea	0	8
NS Construction - 1st Year	Early Infrastructure - General	Dock Sheet Piling	4/12/05	5/2/05	21	30	12	Hydraulic Fluid	REC	PBU	gal	0.05	1
NS Construction - 1st Year	Early Infrastructure - General	Dock Sheet Piling	4/12/05	5/2/05	21	30	12	Antifreeze	REC	PBU	gal	0	4
NS Construction - 1st Year	Early Infrastructure - General	Dock Sheet Piling	4/12/05	5/2/05	21	30	12	Used Batteries	REC	FBX	ea	0.03	1
NS Construction - 1st Year	Early Infrastructure - General	Dock Sheet Piling	4/12/05	5/2/05	21	30	12	Used Tires	REC	FBX	ea	0.10	2
NS Construction - 1st Year	Early Infrastructure - General	Dock Sheet Piling	4/12/05	5/2/05	21	30	12	Oily Rags/Sorbents	INC	PT	cf	2	42
NS Construction - 1st Year	Early Infrastructure - General	Dock Sheet Piling	4/12/05	5/2/05	21	30	12	Sprays	LAN	NSB	ea	12	252
NS Construction - 1st Year	Early Infrastructure - General	Dock Sheet Piling	4/12/05	5/2/05	21	30	12	Office Supplies	INC	PT	lb	60	1,260
NS Construction - 1st Year	Early Infrastructure - General	Dock Sheet Piling	4/12/05	5/2/05	21	30	12	Camp Grey Water	DW	PBU	gal	4,800	100,800
NS Construction - 1st Year	Early Infrastructure - General	Dock Sheet Piling	4/12/05	5/2/05	21	30	12	Food Waste	INC	PT	lb	15	315
NS Construction - 1st Year	Early Infrastructure - General	Dock Sheet Piling	4/12/05	5/2/05	21	30	12	Non-Degradable (styrofoam)	LAN	NSB	cf	30	630

Waste Generation by Work Breakdown Structure

Level 1	Level 2	Schedule Activity	Early Start	Early Finish	Dur	Crew Size	Eqp Qty	Waste Description	Disp Meth	Disp Loc	Waste Unit	Waste Per Day	Total Waste
NS Construction - 1st Year	Early Infrastructure - General	Dock Sheet Piling	4/12/05	5/2/05	21	30	12	Sludge	INC	PT	gal	60	1,260
NS Construction - 1st Year	Early Infrastructure - General	Dock Sheet Piling	4/12/05	5/2/05	21	30	12	General Waste (burnable)	INC	PT	cf	30	630
NS Construction - 1st Year	Early Infrastructure - General	Final Gravel Compaction	5/3/05	7/29/05	88	20	10	Pallets	REC	FBX	ea	4	352
NS Construction - 1st Year	Early Infrastructure - General	Final Gravel Compaction	5/3/05	7/29/05	88	20	10	Plywood	REC	FBX	ea	4	352
NS Construction - 1st Year	Early Infrastructure - General	Final Gravel Compaction	5/3/05	7/29/05	88	20	10	Packaging/Wrapping	INC	PT	cf	2	176
NS Construction - 1st Year	Early Infrastructure - General	Final Gravel Compaction	5/3/05	7/29/05	88	20	10	Used Oil	REC	PBU	gal	7	587
NS Construction - 1st Year	Early Infrastructure - General	Final Gravel Compaction	5/3/05	7/29/05	88	20	10	Air Filters	INC	PT	ea	0	29
NS Construction - 1st Year	Early Infrastructure - General	Final Gravel Compaction	5/3/05	7/29/05	88	20	10	Hydraulic Fluid	REC	PBU	gal	0.04	4
NS Construction - 1st Year	Early Infrastructure - General	Final Gravel Compaction	5/3/05	7/29/05	88	20	10	Antifreeze	REC	PBU	gal	0	15
NS Construction - 1st Year	Early Infrastructure - General	Final Gravel Compaction	5/3/05	7/29/05	88	20	10	Used Batteries	REC	FBX	ea	0.03	2
NS Construction - 1st Year	Early Infrastructure - General	Final Gravel Compaction	5/3/05	7/29/05	88	20	10	Used Tires	REC	FBX	ea	0.08	7
NS Construction - 1st Year	Early Infrastructure - General	Final Gravel Compaction	5/3/05	7/29/05	88	20	10	Oily Rags/Sorbents	INC	PT	cf	2	176
NS Construction - 1st Year	Early Infrastructure - General	Final Gravel Compaction	5/3/05	7/29/05	88	20	10	Sprays	LAN	NSB	ea	12	1,056
NS Construction - 1st Year	Early Infrastructure - General	Final Gravel Compaction	5/3/05	7/29/05	88	20	10	Office Supplies	INC	PT	lb	40	3,520
NS Construction - 1st Year	Early Infrastructure - General	Final Gravel Compaction	5/3/05	7/29/05	88	20	10	Camp Grey Water	DW	PBU	gal	3,200	281,600
NS Construction - 1st Year	Early Infrastructure - General	Final Gravel Compaction	5/3/05	7/29/05	88	20	10	Food Waste	INC	PT	lb	10	880
NS Construction - 1st Year	Early Infrastructure - General	Final Gravel Compaction	5/3/05	7/29/05	88	20	10	Non-Degradable (styrofoam)	LAN	NSB	cf	20	1,760
NS Construction - 1st Year	Early Infrastructure - General	Final Gravel Compaction	5/3/05	7/29/05	88	20	10	Sludge	INC	PT	gal	40	3,520
NS Construction - 1st Year	Early Infrastructure - General	Final Gravel Compaction	5/3/05	7/29/05	88	20	10	General Waste (burnable)	INC	PT	cf	20	1,760
NS Construction - 1st Year	Early Infrastructure - West	Winter Pool Equipment 2005	2/11/05	4/15/05	63	40	45	Pallets	REC	FBX	ea	4	252
NS Construction - 1st Year	Early Infrastructure - West	Winter Pool Equipment 2005	2/11/05	4/15/05	63	40	45	Plywood	REC	FBX	ea	4	252
NS Construction - 1st Year	Early Infrastructure - West	Winter Pool Equipment 2005	2/11/05	4/15/05	63	40	45	Packaging/Wrapping	INC	PT	cf	2	126
NS Construction - 1st Year	Early Infrastructure - West	Winter Pool Equipment 2005	2/11/05	4/15/05	63	40	45	Used Oil	REC	PBU	gal	30	1,890
NS Construction - 1st Year	Early Infrastructure - West	Winter Pool Equipment 2005	2/11/05	4/15/05	63	40	45	Air Filters	INC	PT	ea	2	95
NS Construction - 1st Year	Early Infrastructure - West	Winter Pool Equipment 2005	2/11/05	4/15/05	63	40	45	Hydraulic Fluid	REC	PBU	gal	0.19	12
NS Construction - 1st Year	Early Infrastructure - West	Winter Pool Equipment 2005	2/11/05	4/15/05	63	40	45	Antifreeze	REC	PBU	gal	1	47
NS Construction - 1st Year	Early Infrastructure - West	Winter Pool Equipment 2005	2/11/05	4/15/05	63	40	45	Used Batteries	REC	FBX	ea	0.12	8
NS Construction - 1st Year	Early Infrastructure - West	Winter Pool Equipment 2005	2/11/05	4/15/05	63	40	45	Used Tires	REC	FBX	ea	0.37	23
NS Construction - 1st Year	Early Infrastructure - West	Winter Pool Equipment 2005	2/11/05	4/15/05	63	40	45	Oily Rags/Sorbents	INC	PT	cf	2	126
NS Construction - 1st Year	Early Infrastructure - West	Winter Pool Equipment 2005	2/11/05	4/15/05	63	40	45	Sprays	LAN	NSB	ea	12	756
NS Construction - 1st Year	Early Infrastructure - West	Winter Pool Equipment 2005	2/11/05	4/15/05	63	40	45	Office Supplies	INC	PT	lb	80	5,040
NS Construction - 1st Year	Early Infrastructure - West	Winter Pool Equipment 2005	2/11/05	4/15/05	63	40	45	Camp Grey Water	DW	PBU	gal	6,400	403,200
NS Construction - 1st Year	Early Infrastructure - West	Winter Pool Equipment 2005	2/11/05	4/15/05	63	40	45	Food Waste	INC	PT	lb	20	1,260
NS Construction - 1st Year	Early Infrastructure - West	Winter Pool Equipment 2005	2/11/05	4/15/05	63	40	45	Non-Degradable (styrofoam)	LAN	NSB	cf	40	2,520
NS Construction - 1st Year	Early Infrastructure - West	Winter Pool Equipment 2005	2/11/05	4/15/05	63	40	45	Sludge	INC	PT	gal	80	5,040
NS Construction - 1st Year	Early Infrastructure - West	Winter Pool Equipment 2005	2/11/05	4/15/05	63	40	45	General Waste (burnable)	INC	PT	cf	40	2,520
NS Construction - 1st Year	Early Infrastructure - West	Winter Pool Equipment 2006	10/1/05	1/31/06	122	40	45	Pallets	REC	FBX	ea	4	488
NS Construction - 1st Year	Early Infrastructure - West	Winter Pool Equipment 2006	10/1/05	1/31/06	122	40	45	Plywood	REC	FBX	ea	4	488
NS Construction - 1st Year	Early Infrastructure - West	Winter Pool Equipment 2006	10/1/05	1/31/06	122	40	45	Packaging/Wrapping	INC	PT	cf	2	244
NS Construction - 1st Year	Early Infrastructure - West	Winter Pool Equipment 2006	10/1/05	1/31/06	122	40	45	Used Oil	REC	PBU	gal	30	3,660
NS Construction - 1st Year	Early Infrastructure - West	Winter Pool Equipment 2006	10/1/05	1/31/06	122	40	45	Air Filters	INC	PT	ea	2	183
NS Construction - 1st Year	Early Infrastructure - West	Winter Pool Equipment 2006	10/1/05	1/31/06	122	40	45	Hydraulic Fluid	REC	PBU	gal	0.19	23
NS Construction - 1st Year	Early Infrastructure - West	Winter Pool Equipment 2006	10/1/05	1/31/06	122	40	45	Antifreeze	REC	PBU	gal	1	92
NS Construction - 1st Year	Early Infrastructure - West	Winter Pool Equipment 2006	10/1/05	1/31/06	122	40	45	Used Batteries	REC	FBX	ea	0.12	15
NS Construction - 1st Year	Early Infrastructure - West	Winter Pool Equipment 2006	10/1/05	1/31/06	122	40	45	Used Tires	REC	FBX	ea	0.37	45
NS Construction - 1st Year	Early Infrastructure - West	Winter Pool Equipment 2006	10/1/05	1/31/06	122	40	45	Oily Rags/Sorbents	INC	PT	cf	2	244
NS Construction - 1st Year	Early Infrastructure - West	Winter Pool Equipment 2006	10/1/05	1/31/06	122	40	45	Sprays	LAN	NSB	ea	12	1,464
NS Construction - 1st Year	Early Infrastructure - West	Winter Pool Equipment 2006	10/1/05	1/31/06	122	40	45	Office Supplies	INC	PT	lb	80	9,760
NS Construction - 1st Year	Early Infrastructure - West	Winter Pool Equipment 2006	10/1/05	1/31/06	122	40	45	Camp Grey Water	DW	PBU	gal	6,400	780,800
NS Construction - 1st Year	Early Infrastructure - West	Winter Pool Equipment 2006	10/1/05	1/31/06	122	40	45	Food Waste	INC	PT	lb	20	2,440
NS Construction - 1st Year	Early Infrastructure - West	Winter Pool Equipment 2006	10/1/05	1/31/06	122	40	45	Non-Degradable (styrofoam)	LAN	NSB	cf	40	4,880
NS Construction - 1st Year	Early Infrastructure - West	Winter Pool Equipment 2006	10/1/05	1/31/06	122	40	45	Sludge	INC	PT	gal	80	9,760
NS Construction - 1st Year	Early Infrastructure - West	Winter Pool Equipment 2006	10/1/05	1/31/06	122	40	45	General Waste (burnable)	INC	PT	cf	40	4,880
NS Construction - 1st Year	Early Infrastructure - West	Summer Pool Equipment	4/16/05	9/30/05	167	40	20	Pallets	REC	FBX	ea	4	668
NS Construction - 1st Year	Early Infrastructure - West	Summer Pool Equipment	4/16/05	9/30/05	167	40	20	Plywood	REC	FBX	ea	4	668
NS Construction - 1st Year	Early Infrastructure - West	Summer Pool Equipment	4/16/05	9/30/05	167	40	20	Packaging/Wrapping	INC	PT	cf	2	334
NS Construction - 1st Year	Early Infrastructure - West	Summer Pool Equipment	4/16/05	9/30/05	167	40	20	Used Oil	REC	PBU	gal	13	2,227
NS Construction - 1st Year	Early Infrastructure - West	Summer Pool Equipment	4/16/05	9/30/05	167	40	20	Air Filters	INC	PT	ea	1	111
NS Construction - 1st Year	Early Infrastructure - West	Summer Pool Equipment	4/16/05	9/30/05	167	40	20	Hydraulic Fluid	REC	PBU	gal	0.08	14

Waste Generation by Work Breakdown Structure

Level 1	Level 2	Schedule Activity	Early Start	Early Finish	Dur	Crew Size	Eqp Qty	Waste Description	Disp Meth	Disp Loc	Waste Unit	Waste Per Day	Total Waste
NS Construction - 1st Year	Early Infrastructure - West	Summer Pool Equipment	4/16/05	9/30/05	167	40	20	Antifreeze	REC	PBU	gal	0	56
NS Construction - 1st Year	Early Infrastructure - West	Summer Pool Equipment	4/16/05	9/30/05	167	40	20	Used Batteries	REC	FBX	ea	0.05	9
NS Construction - 1st Year	Early Infrastructure - West	Summer Pool Equipment	4/16/05	9/30/05	167	40	20	Used Tires	REC	FBX	ea	0.16	27
NS Construction - 1st Year	Early Infrastructure - West	Summer Pool Equipment	4/16/05	9/30/05	167	40	20	Oily Rags/Sorbents	INC	PT	cf	2	334
NS Construction - 1st Year	Early Infrastructure - West	Summer Pool Equipment	4/16/05	9/30/05	167	40	20	Sprays	LAN	NSB	ea	12	2,004
NS Construction - 1st Year	Early Infrastructure - West	Summer Pool Equipment	4/16/05	9/30/05	167	40	20	Office Supplies	INC	PT	lb	80	13,360
NS Construction - 1st Year	Early Infrastructure - West	Summer Pool Equipment	4/16/05	9/30/05	167	40	20	Camp Grey Water	DW	PBU	gal	6,400	1,068,800
NS Construction - 1st Year	Early Infrastructure - West	Summer Pool Equipment	4/16/05	9/30/05	167	40	20	Food Waste	INC	PT	lb	20	3,340
NS Construction - 1st Year	Early Infrastructure - West	Summer Pool Equipment	4/16/05	9/30/05	167	40	20	Non-Degradable (styrofoam)	LAN	NSB	cf	40	6,680
NS Construction - 1st Year	Early Infrastructure - West	Summer Pool Equipment	4/16/05	9/30/05	167	40	20	Sludge	INC	PT	gal	80	13,360
NS Construction - 1st Year	Early Infrastructure - West	Summer Pool Equipment	4/16/05	9/30/05	167	40	20	General Waste (burnable)	INC	PT	cf	40	6,680
NS Construction - 2nd Year	Ice Roads	Ice Road - 2nd Year	11/21/05	4/15/06	145	48	32	Pallets	REC	FBX	ea	4	580
NS Construction - 2nd Year	Ice Roads	Ice Road - 2nd Year	11/21/05	4/15/06	145	48	32	Plywood	REC	FBX	ea	4	580
NS Construction - 2nd Year	Ice Roads	Ice Road - 2nd Year	11/21/05	4/15/06	145	48	32	Packaging/Wrapping	INC	PT	cf	2	290
NS Construction - 2nd Year	Ice Roads	Ice Road - 2nd Year	11/21/05	4/15/06	145	48	32	Used Oil	REC	PBU	gal	21	3,093
NS Construction - 2nd Year	Ice Roads	Ice Road - 2nd Year	11/21/05	4/15/06	145	48	32	Air Filters	INC	PT	ea	1	155
NS Construction - 2nd Year	Ice Roads	Ice Road - 2nd Year	11/21/05	4/15/06	145	48	32	Hydraulic Fluid	REC	PBU	gal	0.13	19
NS Construction - 2nd Year	Ice Roads	Ice Road - 2nd Year	11/21/05	4/15/06	145	48	32	Antifreeze	REC	PBU	gal	1	77
NS Construction - 2nd Year	Ice Roads	Ice Road - 2nd Year	11/21/05	4/15/06	145	48	32	Used Batteries	REC	FBX	ea	0.09	13
NS Construction - 2nd Year	Ice Roads	Ice Road - 2nd Year	11/21/05	4/15/06	145	48	32	Used Tires	REC	FBX	ea	0.26	38
NS Construction - 2nd Year	Ice Roads	Ice Road - 2nd Year	11/21/05	4/15/06	145	48	32	Oily Rags/Sorbents	INC	PT	cf	2	290
NS Construction - 2nd Year	Ice Roads	Ice Road - 2nd Year	11/21/05	4/15/06	145	48	32	Sprays	LAN	NSB	ea	12	1,740
NS Construction - 2nd Year	Ice Roads	Ice Road - 2nd Year	11/21/05	4/15/06	145	48	32	Office Supplies	INC	PT	lb	96	13,920
NS Construction - 2nd Year	Ice Roads	Ice Road - 2nd Year	11/21/05	4/15/06	145	48	32	Camp Grey Water	DW	PT	gal	7,680	1,113,600
NS Construction - 2nd Year	Ice Roads	Ice Road - 2nd Year	11/21/05	4/15/06	145	48	32	Food Waste	INC	PT	lb	24	3,480
NS Construction - 2nd Year	Ice Roads	Ice Road - 2nd Year	11/21/05	4/15/06	145	48	32	Non-Degradable (styrofoam)	LAN	NSB	cf	48	6,960
NS Construction - 2nd Year	Ice Roads	Ice Road - 2nd Year	11/21/05	4/15/06	145	48	32	Sludge	INC	PT	gal	96	13,920
NS Construction - 2nd Year	Ice Roads	Ice Road - 2nd Year	11/21/05	4/15/06	145	48	32	General Waste (burnable)	INC	PT	cf	48	6,960
NS Construction - 2nd Year	Gravel Haul & Place	Final Gravel Compaction (inc airport/dock)	6/15/06	8/12/06	58	12	12	Pallets	REC	FBX	ea	-	-
NS Construction - 2nd Year	Gravel Haul & Place	Final Gravel Compaction (inc airport/dock)	6/15/06	8/12/06	58	12	12	Plywood	REC	FBX	ea	-	-
NS Construction - 2nd Year	Gravel Haul & Place	Final Gravel Compaction (inc airport/dock)	6/15/06	8/12/06	58	12	12	Packaging/Wrapping	INC	PT	cf	-	-
NS Construction - 2nd Year	Gravel Haul & Place	Final Gravel Compaction (inc airport/dock)	6/15/06	8/12/06	58	12	12	Used Oil	REC	PBU	gal	8	464
NS Construction - 2nd Year	Gravel Haul & Place	Final Gravel Compaction (inc airport/dock)	6/15/06	8/12/06	58	12	12	Air Filters	INC	PT	ea	0	23
NS Construction - 2nd Year	Gravel Haul & Place	Final Gravel Compaction (inc airport/dock)	6/15/06	8/12/06	58	12	12	Hydraulic Fluid	REC	PBU	gal	0.05	3
NS Construction - 2nd Year	Gravel Haul & Place	Final Gravel Compaction (inc airport/dock)	6/15/06	8/12/06	58	12	12	Antifreeze	REC	PBU	gal	0	12
NS Construction - 2nd Year	Gravel Haul & Place	Final Gravel Compaction (inc airport/dock)	6/15/06	8/12/06	58	12	12	Used Batteries	REC	FBX	ea	0.03	2
NS Construction - 2nd Year	Gravel Haul & Place	Final Gravel Compaction (inc airport/dock)	6/15/06	8/12/06	58	12	12	Used Tires	REC	FBX	ea	0.10	6
NS Construction - 2nd Year	Gravel Haul & Place	Final Gravel Compaction (inc airport/dock)	6/15/06	8/12/06	58	12	12	Oily Rags/Sorbents	INC	PT	cf	2	116
NS Construction - 2nd Year	Gravel Haul & Place	Final Gravel Compaction (inc airport/dock)	6/15/06	8/12/06	58	12	12	Sprays	LAN	NSB	ea	12	696
NS Construction - 2nd Year	Gravel Haul & Place	Final Gravel Compaction (inc airport/dock)	6/15/06	8/12/06	58	12	12	Office Supplies	INC	PT	lb	24	1,392
NS Construction - 2nd Year	Gravel Haul & Place	Final Gravel Compaction (inc airport/dock)	6/15/06	8/12/06	58	12	12	Camp Grey Water	DW	PT	gal	1,920	111,360
NS Construction - 2nd Year	Gravel Haul & Place	Final Gravel Compaction (inc airport/dock)	6/15/06	8/12/06	58	12	12	Food Waste	INC	PT	lb	6	348
NS Construction - 2nd Year	Gravel Haul & Place	Final Gravel Compaction (inc airport/dock)	6/15/06	8/12/06	58	12	12	Non-Degradable (styrofoam)	LAN	NSB	cf	12	696
NS Construction - 2nd Year	Gravel Haul & Place	Final Gravel Compaction (inc airport/dock)	6/15/06	8/12/06	58	12	12	Sludge	INC	PT	gal	24	1,392
NS Construction - 2nd Year	Gravel Haul & Place	Final Gravel Compaction (inc airport/dock)	6/15/06	8/12/06	58	12	12	General Waste (burnable)	INC	PT	cf	12	696
NS Construction - 2nd Year	Pipeline Construction	Pipeline Construction	1/23/06	4/15/06	83	160	150	Pallets	REC	FBX	ea	4	332
NS Construction - 2nd Year	Pipeline Construction	Pipeline Construction	1/23/06	4/15/06	83	160	150	Plywood	REC	FBX	ea	7	581
NS Construction - 2nd Year	Pipeline Construction	Pipeline Construction	1/23/06	4/15/06	83	160	150	Packaging/Wrapping	INC	PT	cf	4	332
NS Construction - 2nd Year	Pipeline Construction	Pipeline Construction	1/23/06	4/15/06	83	160	150	Used Oil	REC	PBU	gal	100	8,300
NS Construction - 2nd Year	Pipeline Construction	Pipeline Construction	1/23/06	4/15/06	83	160	150	Air Filters	INC	PT	ea	5	415
NS Construction - 2nd Year	Pipeline Construction	Pipeline Construction	1/23/06	4/15/06	83	160	150	Hydraulic Fluid	REC	PBU	gal	0.63	52
NS Construction - 2nd Year	Pipeline Construction	Pipeline Construction	1/23/06	4/15/06	83	160	150	Antifreeze	REC	PBU	gal	3	208
NS Construction - 2nd Year	Pipeline Construction	Pipeline Construction	1/23/06	4/15/06	83	160	150	Used Batteries	REC	FBX	ea	0.41	34
NS Construction - 2nd Year	Pipeline Construction	Pipeline Construction	1/23/06	4/15/06	83	160	150	Used Tires	REC	FBX	ea	1.23	102
NS Construction - 2nd Year	Pipeline Construction	Pipeline Construction	1/23/06	4/15/06	83	160	150	Oily Rags/Sorbents	INC	PT	cf	2	166
NS Construction - 2nd Year	Pipeline Construction	Pipeline Construction	1/23/06	4/15/06	83	160	150	Sprays	LAN	NSB	ea	12	996
NS Construction - 2nd Year	Pipeline Construction	Pipeline Construction	1/23/06	4/15/06	83	160	150	Office Supplies	INC	PT	lb	320	26,560
NS Construction - 2nd Year	Pipeline Construction	Pipeline Construction	1/23/06	4/15/06	83	160	150	Camp Grey Water	DW	PT	gal	25,600	2,124,800
NS Construction - 2nd Year	Pipeline Construction	Pipeline Construction	1/23/06	4/15/06	83	160	150	Food Waste	INC	PT	lb	80	6,640

Waste Generation by Work Breakdown Structure

Level 1	Level 2	Schedule Activity	Early Start	Early Finish	Dur	Crew Size	Eqp Qty	Waste Description	Disp Meth	Disp Loc	Waste Unit	Waste Per Day	Total Waste
NS Construction - 2nd Year	Pipeline Construction	Pipeline Construction	1/23/06	4/15/06	83	160	150	Non-Degradable (styrofoam)	LAN	NSB	cf	160	13,280
NS Construction - 2nd Year	Pipeline Construction	Pipeline Construction	1/23/06	4/15/06	83	160	150	Sludge	INC	PT	gal	320	26,560
NS Construction - 2nd Year	Pipeline Construction	Pipeline Construction	1/23/06	4/15/06	83	160	150	General Waste (burnable)	INC	PT	cf	160	13,280
NS Construction - 2nd Year	Pipeline Construction	Hydrotest & Commission Pipelines	6/11/06	7/2/06	22	20	40	Pallets	REC	FBX	ea	4	88
NS Construction - 2nd Year	Pipeline Construction	Hydrotest & Commission Pipelines	6/11/06	7/2/06	22	20	40	Plywood	REC	FBX	ea	4	88
NS Construction - 2nd Year	Pipeline Construction	Hydrotest & Commission Pipelines	6/11/06	7/2/06	22	20	40	Packaging/Wrapping	INC	PT	cf	2	44
NS Construction - 2nd Year	Pipeline Construction	Hydrotest & Commission Pipelines	6/11/06	7/2/06	22	20	40	Used Oil	REC	PBU	gal	27	587
NS Construction - 2nd Year	Pipeline Construction	Hydrotest & Commission Pipelines	6/11/06	7/2/06	22	20	40	Air Filters	INC	PT	ea	1	29
NS Construction - 2nd Year	Pipeline Construction	Hydrotest & Commission Pipelines	6/11/06	7/2/06	22	20	40	Hydraulic Fluid	REC	PBU	gal	0.17	4
NS Construction - 2nd Year	Pipeline Construction	Hydrotest & Commission Pipelines	6/11/06	7/2/06	22	20	40	Antifreeze	REC	PBU	gal	1	15
NS Construction - 2nd Year	Pipeline Construction	Hydrotest & Commission Pipelines	6/11/06	7/2/06	22	20	40	Used Batteries	REC	FBX	ea	0.11	2
NS Construction - 2nd Year	Pipeline Construction	Hydrotest & Commission Pipelines	6/11/06	7/2/06	22	20	40	Used Tires	REC	FBX	ea	0.33	7
NS Construction - 2nd Year	Pipeline Construction	Hydrotest & Commission Pipelines	6/11/06	7/2/06	22	20	40	Oily Rags/Sorbents	INC	PT	cf	2	44
NS Construction - 2nd Year	Pipeline Construction	Hydrotest & Commission Pipelines	6/11/06	7/2/06	22	20	40	Sprays	LAN	NSB	ea	12	264
NS Construction - 2nd Year	Pipeline Construction	Hydrotest & Commission Pipelines	6/11/06	7/2/06	22	20	40	Office Supplies	INC	PT	lb	40	880
NS Construction - 2nd Year	Pipeline Construction	Hydrotest & Commission Pipelines	6/11/06	7/2/06	22	20	40	Camp Grey Water	DW	PT	gal	3,200	70,400
NS Construction - 2nd Year	Pipeline Construction	Hydrotest & Commission Pipelines	6/11/06	7/2/06	22	20	40	Food Waste	INC	PT	lb	10	220
NS Construction - 2nd Year	Pipeline Construction	Hydrotest & Commission Pipelines	6/11/06	7/2/06	22	20	40	Non-Degradable (styrofoam)	LAN	NSB	cf	20	440
NS Construction - 2nd Year	Pipeline Construction	Hydrotest & Commission Pipelines	6/11/06	7/2/06	22	20	40	Sludge	INC	PT	gal	40	880
NS Construction - 2nd Year	Pipeline Construction	Hydrotest & Commission Pipelines	6/11/06	7/2/06	22	20	40	General Waste (burnable)	INC	PT	cf	20	440
NS Construction - 2nd Year	CPF Early Construction	Install Module Piling	1/30/06	4/2/06	63	70	55	Pallets	REC	FBX	ea	1	63
NS Construction - 2nd Year	CPF Early Construction	Install Module Piling	1/30/06	4/2/06	63	70	55	Plywood	REC	FBX	ea	1	63
NS Construction - 2nd Year	CPF Early Construction	Install Module Piling	1/30/06	4/2/06	63	70	55	Packaging/Wrapping	INC	PT	cf	2	126
NS Construction - 2nd Year	CPF Early Construction	Install Module Piling	1/30/06	4/2/06	63	70	55	Used Oil	REC	PBU	gal	37	2,310
NS Construction - 2nd Year	CPF Early Construction	Install Module Piling	1/30/06	4/2/06	63	70	55	Air Filters	INC	PT	ea	2	116
NS Construction - 2nd Year	CPF Early Construction	Install Module Piling	1/30/06	4/2/06	63	70	55	Hydraulic Fluid	REC	PBU	gal	0.23	14
NS Construction - 2nd Year	CPF Early Construction	Install Module Piling	1/30/06	4/2/06	63	70	55	Antifreeze	REC	PBU	gal	1	58
NS Construction - 2nd Year	CPF Early Construction	Install Module Piling	1/30/06	4/2/06	63	70	55	Used Batteries	REC	FBX	ea	0.15	9
NS Construction - 2nd Year	CPF Early Construction	Install Module Piling	1/30/06	4/2/06	63	70	55	Used Tires	REC	FBX	ea	0.45	28
NS Construction - 2nd Year	CPF Early Construction	Install Module Piling	1/30/06	4/2/06	63	70	55	Oily Rags/Sorbents	INC	PT	cf	2	126
NS Construction - 2nd Year	CPF Early Construction	Install Module Piling	1/30/06	4/2/06	63	70	55	Sprays	LAN	NSB	ea	12	756
NS Construction - 2nd Year	CPF Early Construction	Install Module Piling	1/30/06	4/2/06	63	70	55	Office Supplies	INC	PT	lb	140	8,820
NS Construction - 2nd Year	CPF Early Construction	Install Module Piling	1/30/06	4/2/06	63	70	55	Camp Grey Water	DW	PT	gal	11,200	705,600
NS Construction - 2nd Year	CPF Early Construction	Install Module Piling	1/30/06	4/2/06	63	70	55	Food Waste	INC	PT	lb	35	2,205
NS Construction - 2nd Year	CPF Early Construction	Install Module Piling	1/30/06	4/2/06	63	70	55	Non-Degradable (styrofoam)	LAN	NSB	cf	70	4,410
NS Construction - 2nd Year	CPF Early Construction	Install Module Piling	1/30/06	4/2/06	63	70	55	Sludge	INC	PT	gal	140	8,820
NS Construction - 2nd Year	CPF Early Construction	Install Module Piling	1/30/06	4/2/06	63	70	55	General Waste (burnable)	INC	PT	cf	70	4,410
NS Construction - 2nd Year	CPF Early Construction	Erect Flare PR Steel & Install Pipe	4/3/06	6/5/06	64	30	100	Pallets	REC	FBX	ea	10	640
NS Construction - 2nd Year	CPF Early Construction	Erect Flare PR Steel & Install Pipe	4/3/06	6/5/06	64	30	100	Plywood	REC	FBX	ea	10	640
NS Construction - 2nd Year	CPF Early Construction	Erect Flare PR Steel & Install Pipe	4/3/06	6/5/06	64	30	100	Packaging/Wrapping	INC	PT	cf	5	320
NS Construction - 2nd Year	CPF Early Construction	Erect Flare PR Steel & Install Pipe	4/3/06	6/5/06	64	30	100	Used Oil	REC	PBU	gal	67	4,267
NS Construction - 2nd Year	CPF Early Construction	Erect Flare PR Steel & Install Pipe	4/3/06	6/5/06	64	30	100	Air Filters	INC	PT	ea	3	213
NS Construction - 2nd Year	CPF Early Construction	Erect Flare PR Steel & Install Pipe	4/3/06	6/5/06	64	30	100	Hydraulic Fluid	REC	PBU	gal	0.42	27
NS Construction - 2nd Year	CPF Early Construction	Erect Flare PR Steel & Install Pipe	4/3/06	6/5/06	64	30	100	Antifreeze	REC	PBU	gal	2	107
NS Construction - 2nd Year	CPF Early Construction	Erect Flare PR Steel & Install Pipe	4/3/06	6/5/06	64	30	100	Used Batteries	REC	FBX	ea	0.27	18
NS Construction - 2nd Year	CPF Early Construction	Erect Flare PR Steel & Install Pipe	4/3/06	6/5/06	64	30	100	Used Tires	REC	FBX	ea	0.82	53
NS Construction - 2nd Year	CPF Early Construction	Erect Flare PR Steel & Install Pipe	4/3/06	6/5/06	64	30	100	Oily Rags/Sorbents	INC	PT	cf	2	128
NS Construction - 2nd Year	CPF Early Construction	Erect Flare PR Steel & Install Pipe	4/3/06	6/5/06	64	30	100	Sprays	LAN	NSB	ea	12	768
NS Construction - 2nd Year	CPF Early Construction	Erect Flare PR Steel & Install Pipe	4/3/06	6/5/06	64	30	100	Office Supplies	INC	PT	lb	60	3,840
NS Construction - 2nd Year	CPF Early Construction	Erect Flare PR Steel & Install Pipe	4/3/06	6/5/06	64	30	100	Camp Grey Water	DW	PT	gal	4,800	307,200
NS Construction - 2nd Year	CPF Early Construction	Erect Flare PR Steel & Install Pipe	4/3/06	6/5/06	64	30	100	Food Waste	INC	PT	lb	15	960
NS Construction - 2nd Year	CPF Early Construction	Erect Flare PR Steel & Install Pipe	4/3/06	6/5/06	64	30	100	Non-Degradable (styrofoam)	LAN	NSB	cf	30	1,920
NS Construction - 2nd Year	CPF Early Construction	Erect Flare PR Steel & Install Pipe	4/3/06	6/5/06	64	30	100	Sludge	INC	PT	gal	60	3,840
NS Construction - 2nd Year	CPF Early Construction	Erect Flare PR Steel & Install Pipe	4/3/06	6/5/06	64	30	100	General Waste (burnable)	INC	PT	cf	30	1,920
NS Construction - 2nd Year	CPF Install/HU/Comm	Modules Installation, Comm, & Startup -Pre-barge	6/6/06	8/21/06	76	60	20	Pallets	REC	FBX	ea	1	76
NS Construction - 2nd Year	CPF Install/HU/Comm	Modules Installation, Comm, & Startup -Pre-barge	6/6/06	8/21/06	76	60	20	Plywood	REC	FBX	ea	1	76
NS Construction - 2nd Year	CPF Install/HU/Comm	Modules Installation, Comm, & Startup -Pre-barge	6/6/06	8/21/06	76	60	20	Packaging/Wrapping	INC	PT	cf	1	76
NS Construction - 2nd Year	CPF Install/HU/Comm	Modules Installation, Comm, & Startup -Pre-barge	6/6/06	8/21/06	76	60	20	Used Oil	REC	PBU	gal	13	1,013
NS Construction - 2nd Year	CPF Install/HU/Comm	Modules Installation, Comm, & Startup -Pre-barge	6/6/06	8/21/06	76	60	20	Air Filters	INC	PT	ea	1	51

Waste Generation by Work Breakdown Structure

Level 1	Level 2	Schedule Activity	Early Start	Early Finish	Dur	Crew Size	Eqp Qty	Waste Description	Disp Meth	Disp Loc	Waste Unit	Waste Per Day	Total Waste
NS Construction - 2nd Year	CPF Install/HU/Comm	Modules Installation, Comm, & Startup -Pre-barge	6/6/06	8/21/06	76	60	20	Hydraulic Fluid	REC	PBU	gal	0.08	6
NS Construction - 2nd Year	CPF Install/HU/Comm	Modules Installation, Comm, & Startup -Pre-barge	6/6/06	8/21/06	76	60	20	Antifreeze	REC	PBU	gal	0	25
NS Construction - 2nd Year	CPF Install/HU/Comm	Modules Installation, Comm, & Startup -Pre-barge	6/6/06	8/21/06	76	60	20	Used Batteries	REC	FBX	ea	0.05	4
NS Construction - 2nd Year	CPF Install/HU/Comm	Modules Installation, Comm, & Startup -Pre-barge	6/6/06	8/21/06	76	60	20	Used Tires	REC	FBX	ea	0.16	12
NS Construction - 2nd Year	CPF Install/HU/Comm	Modules Installation, Comm, & Startup -Pre-barge	6/6/06	8/21/06	76	60	20	Oily Rags/Sorbents	INC	PT	cf	2	152
NS Construction - 2nd Year	CPF Install/HU/Comm	Modules Installation, Comm, & Startup -Pre-barge	6/6/06	8/21/06	76	60	20	Sprays	LAN	NSB	ea	12	912
NS Construction - 2nd Year	CPF Install/HU/Comm	Modules Installation, Comm, & Startup -Pre-barge	6/6/06	8/21/06	76	60	20	Office Supplies	INC	PT	lb	120	9,120
NS Construction - 2nd Year	CPF Install/HU/Comm	Modules Installation, Comm, & Startup -Pre-barge	6/6/06	8/21/06	76	60	20	Camp Grey Water	DW	PT	gal	9,600	729,600
NS Construction - 2nd Year	CPF Install/HU/Comm	Modules Installation, Comm, & Startup -Pre-barge	6/6/06	8/21/06	76	60	20	Food Waste	INC	PT	lb	30	2,280
NS Construction - 2nd Year	CPF Install/HU/Comm	Modules Installation, Comm, & Startup -Pre-barge	6/6/06	8/21/06	76	60	20	Non-Degradable (styrofoam)	LAN	NSB	cf	60	4,560
NS Construction - 2nd Year	CPF Install/HU/Comm	Modules Installation, Comm, & Startup -Pre-barge	6/6/06	8/21/06	76	60	20	Sludge	INC	PT	gal	120	9,120
NS Construction - 2nd Year	CPF Install/HU/Comm	Modules Installation, Comm, & Startup -Pre-barge	6/6/06	8/21/06	76	60	20	General Waste (burnable)	INC	PT	cf	60	4,560
NS Construction - 2nd Year	CPF Install/HU/Comm	Modules Installation, Comm, & Startup After Barge	8/22/06	10/31/06	70	150	45	Pallets	REC	FBX	ea	4	280
NS Construction - 2nd Year	CPF Install/HU/Comm	Modules Installation, Comm, & Startup After Barge	8/22/06	10/31/06	70	150	45	Plywood	REC	FBX	ea	4	280
NS Construction - 2nd Year	CPF Install/HU/Comm	Modules Installation, Comm, & Startup After Barge	8/22/06	10/31/06	70	150	45	Packaging/Wrapping	INC	PT	cf	2	140
NS Construction - 2nd Year	CPF Install/HU/Comm	Modules Installation, Comm, & Startup After Barge	8/22/06	10/31/06	70	150	45	Used Oil	REC	PBU	gal	30	2,100
NS Construction - 2nd Year	CPF Install/HU/Comm	Modules Installation, Comm, & Startup After Barge	8/22/06	10/31/06	70	150	45	Air Filters	INC	PT	ea	2	105
NS Construction - 2nd Year	CPF Install/HU/Comm	Modules Installation, Comm, & Startup After Barge	8/22/06	10/31/06	70	150	45	Hydraulic Fluid	REC	PBU	gal	0.19	13
NS Construction - 2nd Year	CPF Install/HU/Comm	Modules Installation, Comm, & Startup After Barge	8/22/06	10/31/06	70	150	45	Antifreeze	REC	PBU	gal	1	53
NS Construction - 2nd Year	CPF Install/HU/Comm	Modules Installation, Comm, & Startup After Barge	8/22/06	10/31/06	70	150	45	Used Batteries	REC	FBX	ea	0.12	9
NS Construction - 2nd Year	CPF Install/HU/Comm	Modules Installation, Comm, & Startup After Barge	8/22/06	10/31/06	70	150	45	Used Tires	REC	FBX	ea	0.37	26
NS Construction - 2nd Year	CPF Install/HU/Comm	Modules Installation, Comm, & Startup After Barge	8/22/06	10/31/06	70	150	45	Oily Rags/Sorbents	INC	PT	cf	2	140
NS Construction - 2nd Year	CPF Install/HU/Comm	Modules Installation, Comm, & Startup After Barge	8/22/06	10/31/06	70	150	45	Sprays	LAN	NSB	ea	12	840
NS Construction - 2nd Year	CPF Install/HU/Comm	Modules Installation, Comm, & Startup After Barge	8/22/06	10/31/06	70	150	45	Office Supplies	INC	PT	lb	300	21,000
NS Construction - 2nd Year	CPF Install/HU/Comm	Modules Installation, Comm, & Startup After Barge	8/22/06	10/31/06	70	150	45	Camp Grey Water	DW	PT	gal	24,000	1,680,000
NS Construction - 2nd Year	CPF Install/HU/Comm	Modules Installation, Comm, & Startup After Barge	8/22/06	10/31/06	70	150	45	Food Waste	INC	PT	lb	75	5,250
NS Construction - 2nd Year	CPF Install/HU/Comm	Modules Installation, Comm, & Startup After Barge	8/22/06	10/31/06	70	150	45	Non-Degradable (styrofoam)	LAN	NSB	cf	150	10,500
NS Construction - 2nd Year	CPF Install/HU/Comm	Modules Installation, Comm, & Startup After Barge	8/22/06	10/31/06	70	150	45	Sludge	INC	PT	gal	300	21,000
NS Construction - 2nd Year	CPF Install/HU/Comm	Modules Installation, Comm, & Startup After Barge	8/22/06	10/31/06	70	150	45	General Waste (burnable)	INC	PT	cf	150	10,500
NS Construction - 2nd Year	CPF Install/HU/Comm	Complete CPF Punchlist & HU to new wells	11/1/06	12/31/06	60	60	45	Pallets	REC	FBX	ea	1	60
NS Construction - 2nd Year	CPF Install/HU/Comm	Complete CPF Punchlist & HU to new wells	11/1/06	12/31/06	60	60	45	Plywood	REC	FBX	ea	1	60
NS Construction - 2nd Year	CPF Install/HU/Comm	Complete CPF Punchlist & HU to new wells	11/1/06	12/31/06	60	60	45	Packaging/Wrapping	INC	PT	cf	1	60
NS Construction - 2nd Year	CPF Install/HU/Comm	Complete CPF Punchlist & HU to new wells	11/1/06	12/31/06	60	60	45	Used Oil	REC	PBU	gal	30	1,800
NS Construction - 2nd Year	CPF Install/HU/Comm	Complete CPF Punchlist & HU to new wells	11/1/06	12/31/06	60	60	45	Air Filters	INC	PT	ea	2	90
NS Construction - 2nd Year	CPF Install/HU/Comm	Complete CPF Punchlist & HU to new wells	11/1/06	12/31/06	60	60	45	Hydraulic Fluid	REC	PBU	gal	0.19	11
NS Construction - 2nd Year	CPF Install/HU/Comm	Complete CPF Punchlist & HU to new wells	11/1/06	12/31/06	60	60	45	Antifreeze	REC	PBU	gal	1	45
NS Construction - 2nd Year	CPF Install/HU/Comm	Complete CPF Punchlist & HU to new wells	11/1/06	12/31/06	60	60	45	Used Batteries	REC	FBX	ea	0.12	7
NS Construction - 2nd Year	CPF Install/HU/Comm	Complete CPF Punchlist & HU to new wells	11/1/06	12/31/06	60	60	45	Used Tires	REC	FBX	ea	0.37	22
NS Construction - 2nd Year	CPF Install/HU/Comm	Complete CPF Punchlist & HU to new wells	11/1/06	12/31/06	60	60	45	Oily Rags/Sorbents	INC	PT	cf	2	120
NS Construction - 2nd Year	CPF Install/HU/Comm	Complete CPF Punchlist & HU to new wells	11/1/06	12/31/06	60	60	45	Sprays	LAN	NSB	ea	12	720
NS Construction - 2nd Year	CPF Install/HU/Comm	Complete CPF Punchlist & HU to new wells	11/1/06	12/31/06	60	60	45	Office Supplies	INC	PT	lb	120	7,200
NS Construction - 2nd Year	CPF Install/HU/Comm	Complete CPF Punchlist & HU to new wells	11/1/06	12/31/06	60	60	45	Camp Grey Water	DW	PT	gal	9,600	576,000
NS Construction - 2nd Year	CPF Install/HU/Comm	Complete CPF Punchlist & HU to new wells	11/1/06	12/31/06	60	60	45	Food Waste	INC	PT	lb	30	1,800
NS Construction - 2nd Year	CPF Install/HU/Comm	Complete CPF Punchlist & HU to new wells	11/1/06	12/31/06	60	60	45	Non-Degradable (styrofoam)	LAN	NSB	cf	60	3,600
NS Construction - 2nd Year	CPF Install/HU/Comm	Complete CPF Punchlist & HU to new wells	11/1/06	12/31/06	60	60	45	Sludge	INC	PT	gal	120	7,200
NS Construction - 2nd Year	CPF Install/HU/Comm	Complete CPF Punchlist & HU to new wells	11/1/06	12/31/06	60	60	45	General Waste (burnable)	INC	PT	cf	60	3,600
Development Drilling	Mobilization & Drilling	Field Test Rigs	9/1/05	10/1/05	31	60						-	-
Development Drilling	Mobilization & Drilling	Rig #1 Drill Wells @ Central Pad (369 days)	10/2/05	1/30/06	120	80						-	-
Development Drilling	Mobilization & Drilling	Rig #2 Drill Wells @ Eastern Pad (442 days)	10/16/05	1/30/06	106	56						-	-
Development Drilling	Mobilization & Drilling	Rig #1 Drill Wells @ Western Pad (461 days)	12/23/06	2/15/07	54	80						-	-
Development Drilling	Mobilization & Drilling	Rig #2 Drill Wells @ Central Pad Pad (442 days)	4/7/07	4/18/08	-	56						-	-
Development Drilling	Mobilization & Drilling	Drilling & Infrastructure Power Generation	10/1/05	10/31/06	395	8						-	-

**Point Thomson Gas Cycling Project
Waste Management Spreadsheet**

YEAR	MONTHS	QUANTITIES OF WASTE GENERATED (during months identified)															
		2005				* UIC Well (1/1/06)	2006				2007				2008		
Site Access	OPERATIONS	2/1 - 5/1	5/1 - 8/1	8/1 - 10/1	10/1 - 2/1	2/1 - 5/1	5/1 - 8/1	8/1 - 10/1	10/1 - 2/1	2/1 - 5/1	5/1 - 8/1	8/1 - 10/1	10/1 - 2/1	2/1 - 5/1	5/1 - 8/1	8/1 - 10/1	10/1 - 2/1
AREA / WASTE STREAMS	REMARKS	(Ice Road)	(Air Only)	(Barge)	(Air Only)	(Ice Road)	(Air Only)	(Barge)	(Air Only)	(Ice Road)	(Air Only)	(Barge)	(Air Only)	(Ice Road)	(Air Only)	(Barge)	(Air Only)
Compressors (5 units)																	
Generators (reciprocating units - 2)																	
Generators (turbine units - 3)																	
Scrubbers / Separators																	
Tankage																	
Pig Launchers																	
Closed Drain System																	
Lubricants (bbl)	Haz Waste - Liquid (bbl)					0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Filters - {estimated total 360 filters/yr}	Haz waste - solids (cu.ft.)					12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
Gaskets / O'ring - {estimated total 96 / yr}	Recycleable Metal (cu. Ft.)					6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
Oil (bbl)	Used Oil (bbl)					0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Slop Oil (bbl)	Used Oil (bbl)					0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Produced Water Spills & leaks (bbl)	other waste (anti Freeze, etc.) - bbl					0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Chemicals (bbl)	other waste (anti Freeze, etc.) - bbl					0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Diesel (bbl)	other waste (anti Freeze, etc.) - bbl					0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Anti-freeze (Glycol) (bbl)	other waste (anti Freeze, etc.) - bbl					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Condensate (bbl)	other waste (anti Freeze, etc.) - bbl					0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Oily Water (bbl)	Oil waste (sobents, etc.) - bbl					1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
BS&W (bottoms) - bbl	Oil waste (sobents, etc.) - bbl					0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Produced Oil (bbl)						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Well pads / Roads / Airstrip																	
Warehouse & Maintenance Shops																	
Vehicle / Equipment Service Bay																	
Housing Camp / Clinic / Offices																	
Incinerator																	
Rain run-offs (bbl)	Clean Up - Rain Water separator System					15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00
Drain Sump - well pads - (bbl)	Clean Up					0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Drain Sump - Incinerator (bbl)	Clean Up					0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Oil - Cutting Oil (bbl)	Oil waste (sobents, etc.) - bbl					0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Oil (bbl) {assume 30 pieces of equipment / vehicles}	Oil change - 4 svcs/yr/equipment {used oil waste} - bbl					4	4	4	4	4	4	4	4	4	4	4	4
Hydraulic Oil (bbl)	Non-Haz Waste - Liquid					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Dirty / Contaminated Water (bbl)	Assume 1 bbl / svc / wk / equipment					1	1	1	1	1	1	1	1	1	1	1	1
Gray Water (bbl)	Assume 100 gal/man/day - all in					21428.57	21428.57	21428.57	21428.57	21428.57	21428.57	21428.57	21428.57	21428.57	21428.57	21428.57	21428.57
Dirty Snow-roads/airstrip/ well pads (cu.ft.)	Area = 6'x25'x50'					7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500
Contaminated Dirt / Gravel (cu.ft.)	Area = 5'x25'x25'					3,125	3,125	3,125	3,125	3,125	3,125	3,125	3,125	3,125	3,125	3,125	3,125
Metal Filings / Cuttings (cu.ft.)	Recycleable Metal (cu.ft.)					1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Recyclable goods (cu.ft.)	Papers, Aluminum cans, Pens, etc.					6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
Drill Cuttings (cu. Ft.)	Other Waste					1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

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Waste Management Spreadsheet**

YEAR	MONTHS	QUANTITIES OF WASTE GENERATED (during months identified)															
		2005				* UIC Well (1/1/06)	2006				2007				2008		
Site Access	OPERATIONS	2/1 - 5/1	5/1 - 8/1	8/1 - 10/1	10/1 - 2/1	2/1 - 5/1	5/1 - 8/1	8/1 - 10/1	10/1 - 2/1	2/1 - 5/1	5/1 - 8/1	8/1 - 10/1	10/1 - 2/1	2/1 - 5/1	5/1 - 8/1	8/1 - 10/1	10/1 - 2/1
		(Ice Road)	(Air Only)	(Barge)	(Air Only)	(Ice Road)	(Air Only)	(Barge)	(Air Only)	(Ice Road)	(Air Only)	(Barge)	(Air Only)	(Ice Road)	(Air Only)	(Barge)	(Air Only)
AREA / WASTE STREAMS	REMARKS																
Sprays (paint, repplent, etc.)						0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Used Batteries (vehicles, equipment)	Assume 1 / equip / yr (waste - solids)					6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
Batteries, Flurosent, etc.- office (cu.ft.)	Haz Waste (cu.ft.)					1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Used Printer Cartridges (pcs)	Assume 2 copiers & 4 printers @ office					3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Disposable / Non-degradable Goods	Coffee cups/styrofoam (waste - solids)					6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
Filters - vehicles and equipment (cu.ft.)	Assume 4/yr/equip (waste - solids)					6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
Plastics (cu.ft.)	Landfill (cu.ft.)					3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Used Tires (replace 1 set/equip/2yrs)	Landfill (cu.ft.) - Dumpster 12x6x4													72.00	72.00	72.00	72.00
Glass	Landfill (cu.ft.)					1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Food Waste - Grind and inject (cu.ft.)	Assume 0.25 cu.ft/man/wk					300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00
Medical Waste (cu.ft.)	Camp Waste - Haz.					1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Packaging - WHSE (cu.ft.)	Burnables (cu.ft.)					12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
Oily Rags / Gloves	Burnables (cu.ft.)					2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
General Waste - Burnables 1 / 2 wk (cu.ft.)	Assume waste collection skip - 6x3x12					1296.00	1296.00	1296.00	1296.00	1296.00	1296.00	1296.00	1296.00	1296.00	1296.00	1296.00	1296.00
Other																	
Desiccate - off the fuel gas system	Solid Waste - (cu.ft)					2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
NORM waste (cu. Ft.)	Haz Waste (cu.ft.)					6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
Hydrotest Fluids {Initial Test} - bbl	Condensate Export Pipeline					65049.6											
Hydrotest Fluids {Initial & Routine Tests} - bbl	Gathering Lines					57657.6											