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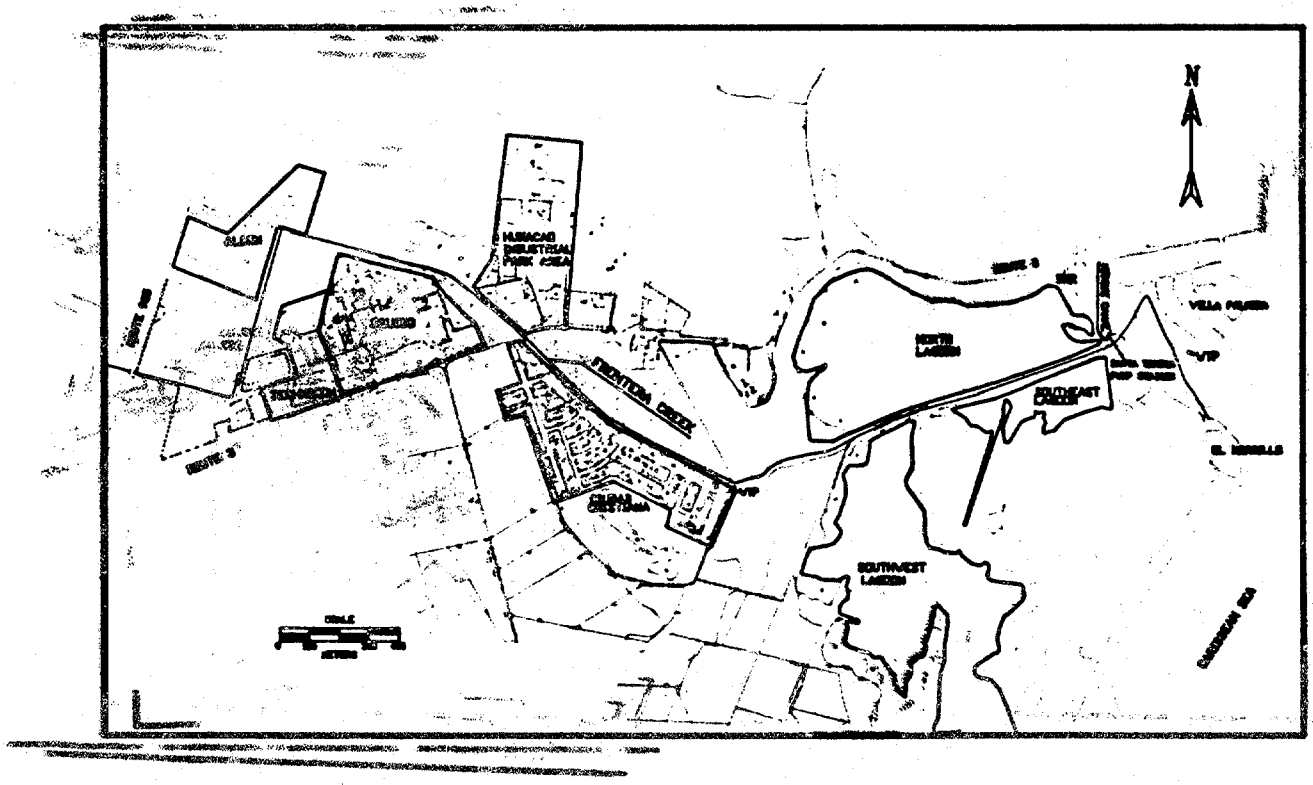
REMEDIAL INVESTIGATION REPORT

For

FRONTERA CREEK SITE
HUMACAO, PUERTO RICO

Volume 2 of 7

(Tables, Part 1)



DYNAMAC CORPORATION

Environmental Risk Management Division

REVISED DRAFT

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VOLUME 2
LIST OF TABLES

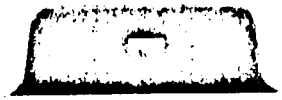

TABLE 1-1

Phase I RI Field Program Sample Collection Summary

Sample Matrix	Number of Samples (Projected/Actual)* HgT	HgI	HSL	Other
NON-INDUSTRIAL SOILS				
Cristiana Surface	149/149	52/52	24/24	0/0
Background Surface	16/15	6/7	4/4	0/0
Cristiana Subsurface	95/94	95/94	21/20	0/0
Background Subsurface	28/35	28/35	6/6	0/0
SEDIMENTS				
Frontera Creek	102/102	36/35	24/23	36/35
Frontera Lagoons	40/36	13/9	5/5	13/9
Dredge Spoils	6/6	6/6	0/0	0/0
Mandri Canal	4/4	4/4	1/1	4/4
Technicon Ditch	27/28	9/10	3/3	9/10
Technicon Tributaries	0/6	0/0	0/0	0/0
Squibb Ditch	14/14	6/7	2/2	7/7
Squibb Storm Sewer[1]	0/2	0/2	0/2	0/0
Transect	66/63	0/0	0/0	0/0
Background	13/13	6/6	5/5	6/6
AQUEOUS SAMPLES				
Surface Water	22/22	22/22	22/22	0/0
Cristiana Groundwater	12/13	12/13	0/0	0/0
Industrial Groundwater	5/6	5/6	0/0	0/0
Background Groundwater	2/3	2/3	0/0	0/0
Squibb Storm Sewer[1]	0/4	0/4	0/4	0/0
Potable Water	2/2	0/1	2/2	0/0
INDUSTRIAL SOILS				
Technicon	33/33	12/12	9/9	0/0
Alcon	17/16	5/5	4/4	0/0
Colorcon	10/10	3/4	2/2	0/0
Dentco	18/16	5/4	4/4	0/0
Reedco	18/17	5/6	4/5	0/0
Denver Chemical	10/10	3/3	2/2	0/0
Esplas/Polyplastics	10/11	3/4	2/3	0/0
HIPWTP	33/33	12/13	9/8	0/0
Owens-Illinois (Warren-Teed)	10/7	3/2	2/2	0/0
PCR	10/9	3/2	2/3	0/0
Peerless Tube	10/10	3/4	2/2	0/0
Squibb[1]	33/12	12/12	9/4	0/0
WJK	10/9	3/3	2/2	0/0
Industrial Background	25/25	13/12	14/14	0/0

TABLE 1-1 (continued)

Sample Matrix	Number of Samples (Projected/Actual)* HgT	HgI	HSL	Other
BIOTA				
Crab				
On-site	9/20	9/20	3/6	0/0
Background	9/19	9/19	3/6	0/0
Shrimp				
On-site	6/9	6/9	0/0	0/0
Background	0/6	0/6	0/0	0/0
Lizard				
On-site	3/3	3/3	0/0	0/0
Background	3/3	3/3	0/0	0/0
Fish				
Industrial Frontera Creek	4/0	4/0	0/0	0/0
Lower Creek and Lagoons	46/55	46/55	6/4	0/0
Background	46/58	46/58	6/7	0/0
Birds				
On-site	9/13	9/13	3/2	0/0
Background	18/13	18/13	6/2	0/0
Cow[2]				
On-site	7/9	7/9	0/0	0/0
Background	14/14	14/14	0/0	0/0
Coconut[3]				
On-site	6/6	6/6	0/0	0/0
Background	12/12	12/12	0/0	0/0
AIR SAMPLING[4,5]	30/76		30/32	

* - Includes field replicates
1 - SOP sampling program revised as per MOU between USEPA and Squibb
2 - blood, hair, and milk
3 - water and pulp
4 - semi-quantitative sampling program for mercury
5 - volatiles only

TABLE 1-2

Summary of Previous Sampling Efforts in Frontera Creek

SEDIMENT

Agency	Date Sampled	# Locations/ # Samples	Analytes	Remarks
EQB	10/11/78	4/12	Mercury	Technicon ditch area (3 replicates run per location)
Roy F. Weston (Technicon)	11/06-10/78	6/36	Mercury	Technicon ditch area (2); Rt. 3 to sea (4); duplicates collected and 3 replicates run per location
Roy F. Weston (Technicon)	11/21-30/78	15/34	Mercury	Up to 3 samples from 4 depths per location
EQB	01/31/79	18/108	Mercury	18 locations, duplicates collected and 3 replicates run per location
EPA	10/23-26/79	15 7	Metals Organics	Length of creek sampled
Langston Labs	08/27/81	4 6	Mercury Mercury	Bottom surface sediment 10" depth sediment
EPA-FIT	02/08,11/83	2	HSL	Squibb and Rt. 3
Fred Hart	06/28/83	2	Hg(T), Hg(O), Zn	Vicinity of Technicon ditch
PRDNR	06/21/84	7	Mercury	
EQB	02/08/85	11	Hg(T)	Assumed to be Frontera Creek sediment (location not provided)
EQB	03/6,7,11/85	15	Mercury	Rt. 925 to end of CC; 3 samples re-analyzed
EPA	03/6,7,11/85	3	Mercury	Splits of above EQB samples; correspond with the 3 with high concentrations
EPA (NUS)	04/10-12/85	11/13	Hg(T), Hg(I)	11 locations + 2 replicates = 13
		9/11	Lindane	9 locations + 2 replicates = 11
		2	Hg(T), Hg(I), Lindane	Bank samples

TABLE 1-2 (continued)

SURFACE WATER

Agency	Date Sampled	# Locations/ # Samples	Analytes	Remarks
EQB	11/16/77	unknown	Lindane	Ref. NUS WP, p. 2-25
EQB	03/06-08/78	8	Basic WQ criteria + CN, Cr, Hg, Phenol, etc.	Effluent sampling also may include one replicate
EQB	04/20 to 06/21/78	13	As above + coliform and flow	As above, but including 1 pluvial
RF Weston	11/06-10/78	4/20	Basic WQ criteria + Hg, Phenol, coliform, etc.	One sample per day for 5 days
MVKSG&R	11/15-16/78	unknown	Mercury	12-15 m downstream from Technicon ditch
RF Weston	11/28-30/78	4	DG, Hg, Zn, Phenol, etc.	
EPA	10/23-26/79	7	Metals, CN, Phenolics, Organics (1)	
Langston Labs (USI Properties)	12/16/80	13	Metals, Surfactants, Phenols	May include 2 Mandri Canal locations
Langston Labs	08/27/81	6	Mercury	Lower Frontera Creek
EPA	02/08, 02/11/83	2	HSL	Possible a third sample (Fit 3)
EPA (NUS)	04/09-12/85	9/11	Hg(T), Hg(I)	Length of Creek (may include 2 replicates)
EQB	04/09-12/85	2	Mercury	Splits of above EPA (NUS) samples

BIOTA

Agency	Date Sampled	# Locations/ # Samples	Analytes	Remarks
Technicon	11/15-16/78	unknown	Mercury	Cow, fish (Creek and ocean at mouth)
Roy F. Weston	11/21-30/78			Biota survey in Frontera Creek and Technicon ditch.
EPA (NUS)	04/09-12/85	1?	Hg(T),Hg(I)	Fish, crab; split with FDA

FRO 001 0939

TABLE 1-2 (continued)

Summary of Previous Sampling Efforts in Frontera Lagoons and Mandri Canal

SEDIMENT

Agency	Date Sampled	# Locations/ # Samples	Analytes	Remarks
Roy F. Weston	11/21-30/78	1/2	Mercury	Mandri Canal; 1 location, 2 depths
EQB	01/31/79	2/12	Mercury	Mandri Canal; duplicates collected and 3 replicates run at both locations
Langston Labs	08/27/81 08/27/81	3 4	Mercury Mercury	Bottom surface sediment 10" depth sediment in Mandri Canal
EPA-FIT	04/16/82	3	Pesticides, Metals	S. Lagoon 4-sample composite; N. Lagoon 3-sample composite; 1 bank sample
PRDNR	06/21/84	4	Mercury	2 in Mandri Canal; 2 in Lagoon (1 bank)
EPA (NUS)	04/10-12/85	1	Hg(T), Hg(I), Lindane	Lagoon

SURFACE WATER

Agency	Date Sampled	# Locations/ # Samples	Analytes	Remarks
Roy F. Weston	11/06-78	1/5	Basic WQ criteria and Hg, Zn, Phenol, DO, etc.	Mandri Canal, 1 location x 5 days
Langston Labs	08/27/81	4	Mercury	Mandri Canal
EPA (NUS)	04/09-12/89	1	Hg(T), Hg(I)	Lagoon

BIOTA

Agency	Date Sampled	# Locations/ # Samples	Analytes	Remarks
EPA	04/16-17/82	7	Pesticides	Fish? (Lagoon and macrobrach)
Unknown	11/16,24/82	10	Botulism	Pelicans in Lagoon
EPA (NUS)	04/09-12/85	8	Hg(T), Hg(I)	Lagoon fish and crab?; split with FDA

FRO 001 0940

TABLE 1-2 (continued)

Summary of Previous Sampling Efforts in Ciudad Cristiana

SURFACE SOILS

Agency	Date Sampled	# Locations/ # Samples	Analytes	Remarks
EQB	02/12/85	5/33	Mercury (T)	6-7 samples from each of 5 house lots
EQB	03/6-11/85	47	Mercury	2 samples re-analyzed 3/22/85; location of 4 samples unclear
EPA	04/06-11/85	2	Mercury	Splits of above EQB samples (same ones that were re-analyzed)
EPA (NUS)	04/09-12/85	55/59	Hg(T), Hg(I)	55 house lots and 4 replicates
		27/31	Lindane	27 house lots and 4 replicates
EQB	04/09-12/85	11/14	Mercury	Splits of above EPA samples; 11 house lots and 3 replicates (?)

SUBSURFACE SOILS

None

GROUNDWATER/POTABLE WATER

Agency	Date Sampled	# Locations/ # Samples	Analytes	Remarks
EQB	04/11-12/85	5/17	Hg(T), Hg(I)	Potable water, 3 houses, 2 hydrants, 3 events

BIOTA

Agency	Date Sampled	# Locations/ # Samples	Analytes	Remarks
EQB	02/85	795	Mercury	Urine/residents
EPA (NUS)	04/09-12/85	2	Hg(T), Hg(I)	Fruit/vegetables (?)

TABLE 1-2 (continued)

Summary of Previous Sampling Efforts in Technicon Ditch/Tributary

SEDIMENT

Agency	Date Sampled	# Locations/ # Samples	Analytes	Remarks
EQB	10/11/78	1/3	Mercury	1 location, 3 samples or replicates per location
Roy F. Weston	11/06-10/78	5/30	Mercury	5 locations, duplicates collected and 3 replicates run at each
Roy F. Weston	11/21-30/78	4/11	Mercury	4 locations, up to 4 depths sampled at each
Fred Hart	06/23/83	2	Hg(T), Hg(I), Zn	

SURFACE WATER

Agency	Date Sampled	# Locations/ # Samples	Analytes	Remarks
Roy F. Weston	11/06-10/78	2/10	Basic WQ criteria and Hg, Zn, Phenol, DO	2 locations, 1 sample per day x 5 days at each location
MVKSG&R (Technicon)	11/15-16/78	Unknown	Mercury	15.1 ppb avg.; 12-15m from Frontera Creek
Roy F. Weston	11/28-30/78	3	DO, Phenol, Hg, Zn	

BIOTA

Agency	Date Sampled	# Locations/ # Samples	Analytes	Remarks
Technicon	11/15-16/78	Unknown	Mercury	Fish
Roy F. Weston	11/21-30/78			Biota survey of Technicon Ditch and Frontera Creek

FRO 001 0942

TABLE 1-2 (continued)

Summary of Previous Sampling Efforts at Background Locations

SURFACE SOILS

Agency	Date Sampled	# Locations/ # Samples	Analytes	Remarks
EQB	04/01/85	7	Mercury	Near HIP (4) - NUS Table A-21; near airport (3)
EPA (NUS)	04/12/85	2	Hg(T), Hg(IO, Lindane	near HIOP (1) - NUS App. B; Humacao field (1)

SUBSURFACE SOILS

None

SEDIMENT

Agency	Date Sampled	# Locations/ # Samples	Analytes	Remarks
PRDNR	06/21/84	2	Mercury	Beach
EPA (NUS)	04/12/85	1	Hg(T), Hg(I), Lindane	NUS, App. B, Rio Humacao

SURFACE WATER

None

GROUNDWATER/POTABLE WATER

Agency	Date Sampled	# Locations/ # Samples	Analytes	Remarks
EPA FIT (NUS)	02/08,11/83	1	HSL	Manbiche Well (not confirmed)

BIOTA

Agency	Date Sampled	# Locations/ # Samples	Analytes	Remarks
EPA (NUS)	04/09-12/85	2	Hg(T), Hg(I)	Anton Ruiz (fish?)

TABLE 1-2 (continued)

Summary of Previous Industrial Effluent Sampling Efforts

Agency	Date Sampled	# Locations/ # Samples	Analytes	Industries
EQB	11/16/77	unknown	Lindane	Reedco
EQB	03/06/78 to 03/08/78	7	Basic WQ criteria + Cu, Pb, Cr, Hg, etc.	Alcon, Technicon, Squibb, HIPWTP, Dentco, Reedco, Peerless (1 of each)
EQB	04/20/78 to 06/21/78	7	Metals, phenol, coliform, flow	Alcon, Technicon, Squibb, HIPWTP, Dentco, Reedco, Peerless (1 of each)
Roy F. Weston	11/06-78 to 11/10/78	1/5		Technicon effluent - 1 sample per day x 5 days
Roy F. Weston	11/21/78 to 11/30/78	unknown	Mercury, Zn, Phenol, NH_3-N	Technicon
EPA	10/23/79 to 10/26/79	Unknown	Priority pollutants found	Squibb
EPA (NUS)	04/10/85 to 04/12/85	3/4	Surface water (including 1 replicate)	HIPWTP Lagoons

Summary of Previous Sampling Efforts at Industrial Sites

Agency	Date Sampled	# Locations/ # Samples	Analytes	Matrix	Industry
Unknown	01/27/81	1 (composite of 2 tanks & 3 drums)	Metals, EP toxic metals	Sludge	Technicon
Caribtec Labs (Technicon)	02/27/81	1	Basic WQ criteria + Hg, Cu, Zn, etc.	WTP (effluent)	Technicon
EPA	03/19/84	5	Lindane (100% Reedco splits)	Sediment	Reedco
EPA	04/10/85 to 04/12/85	3/4 (including 1 replicate)	HSL (2 sets of data for organics?)	Sediment	HIPWTP

TABLE 1-3

Summary of Current and Historical Mercury Usage by Site Industries

Compound	Quantity/ Concentration	Reference	Remarks
TECHNICON			
Current			
Thimerosal	62 kg/yr	June 1988 site audit	2-3 drums of waste per 10 mos.
Mercuric Acetate	Unknown		< 1 drum of waste per year
Mercuric Chloride	Unknown		
Historical			
Mercury thiocyanate	0.71 g/l	December 1984 letter from Revlon to EPA; NUS Workplan	Washwaters containing these compounds reportedly discharged to Technicon ditch at various times from 1971-1978
Chloride color	0.64 g/l		
Mercuric nitrate	68.5 g/l		
Fixative FU-48	55% by weight		
Thimerosal	0.1 g/l		
ALCON			
Current			
Thimerosal	< 50 lbs.	June 1988 site audit	Reportedly used in one product
Historical			
Unknown	Unknown	EQB, 1978a	NPDES permit application indicated that effluent may possibly contain mercury
COLORCON			
Current/Historical			
Reportedly none		May 1989 site audit; NUS Workplan	Dyes such as those used by Colorcon are known to contain mercury
DENVER CHEMICAL			
Current/Historical			
Reportedly none		June 1989 site audit; NUS Workplan	None
ESPLAS/POLYPLASTICS			
Current/Historical			
Reportedly none		June 1988 site audit; NUS Workplan	None

TABLE 1-3 (continued)

Compound	Quantity/ Concentration	Reference	Remarks
HIPI PROPERTY *(formerly leased by Owens-Illinois and WJK)*			
Current/Historical			
Reportedly none		February 1989 meeting; July 1989 site audit; NUS Workplan	None
HIPWTP			
Current/Historical			
Reportedly none		May 1989 site audit; EQB, 1978b	None
OWENS-ILLINOIS *(formerly Warren-Teed)*			
Current/Historical			
Reportedly none		February 1989 meeting; May 1989 site audit; NUS Workplan	None
PEERLESS TUBE			
Current/Historical			
Reportedly none		June 1988 site audit; EQB, 1978h	None
PCR			
Current/Historical			
Reportedly none		May 1989 site audit; NUS Workplan	None
REEDCO/DENTCO			
Current/Historical			
Reportedly none		July 1988 site audit; EQB, 1978c	None
SQUIBB			
Current/Historical			
Reportedly none		EPA site audit; NUS Workplan	Mercury was detected in Squibb effluent by EQB in 1978

TABLE 1-4

Summary of Current and Historical Usage of Potentially Hazardous Chemicals by Site Industries

Compound	Quantity/ Concentration	Reference	Remarks
TECHNICON			
Current			
Hydrochloric Acid	Unknown	June 1988 site audit	Some or all of these chemicals
Sulfuric Acid	Unknown		may no longer be used since
Potassium Hydroxide	Unknown		Technicon closed reagents operation
Historical			
Cadmium	Unknown	May 1987 raw	
Cupric Sulfate	Unknown	materials list	
Sodium Borate	Unknown		
ALCON			
Current			
Alcohol	Unknown	June 1988 site	Over 700 raw materials; NPDES
Chlorine Gas	Unknown	audit, EGB, 1978	permit application indicated
Ethylene Oxide Gas	Unknown		that effluent may contain RCRA
Muriatic Acid	Unknown		metals and phenols
Sodium Hydroxide	Unknown		
Historical			
Unknown	Unknown	None	Probably similar to present
COLORCON			
Current			
Inorganic Pigments/dyes	Unknown	May 1979 site audit	About 34 raw materials in
Alcohol	Unknown		total
Plasticisers	Unknown		
Resins	Unknown		
Solvents	Unknown		
Historical			
Unknown	Unknown	None	Probably similar to present

FRO 001 0947

TABLE 1-4 (continued)

Compound	Quantity/ Concentration	Reference	Remarks
DENVER CHEMICAL			
Current			
Alcohol (G to H)	20 55-gal drums	June 1989 site audit	None
Sorbitol	Unknown		
Glycerine	6000 gal. tank		
Wildcat - 3C det.	Unknown		
Historical			
Unknown	Unknown	None	Probably similar to present
ESPLAS/POLYPLASTICS			
Current			
Polyethylene	Unknown	June 1988 site audit	Reportedly a dry operation
Oil	Unknown		
Ink	Unknown		
Glue	Unknown		
Historical			
Unknown	Unknown	None	Probably similar to present
HIPI PROPERTY (formerly leased by Owens-Illinois and WJK)			
Current (O-I)			
Polyethylene	Unknown	February 1989 meeting; July 1989 site audit	None
Polypaupylene	Unknown		
Resins	Unknown		
Solvents ("mold clean")	Unknown		
Hydraulic Oil	55-gal drums		
Historical (WJK)			
Reportedly none		NUS Workplan	None
HIPWTP			
Current			
Reportedly none		1989 site audit	Not in operation
Historical			
Potentially any chemical used by the nine industries that formerly discharged to this facility		NUS Workplan; EQB, 1978	NPDES permit application reportedly indicated that effluent may contain RCRA metals and phenols

FRO 001 0948

TABLE 1-4 (continued)

Compound	Quantity/ Concentration	Reference	Remarks
OWENS-ILLINOIS (formerly Warren-Teed)			
Current (O-I)			
Polyethylene	Unknown	February 1989	None
Polypropylene	Unknown	meeting; July 1989	
Hydraulic Oil	55 - gal. drums	site audit	
Solvents ("mold clean")	Unknown		
Historical (Warren-Teed)			
Benzene	Unknown	NUS Workplan	None
Acetone	Unknown		
Acids (sulfuric)	Unknown		
PEERLESS TUBE			
Current			
Aluminum Slugs	Unknown	June 1988 site audit	12-20 drums/yr. - drums of assorted wastes
Solvents (eletrosol, EK)	Unknown		
Oil	Unknown		
Paint	Unknown		
Lacquer	Unknown		
Ink	Unknown		
Historical			
Unknown	Unknown	June 1988 site audit	Probably similar to present
PCR			
Current			
Uracil	Unknown	May 1989 site audit	None
Fluorine	Unknown		
Hydrochloric Acid	Unknown		
Historical			
Unknown	Unknown	None	Probably similar to present
REEDCO/DENTCO			
Current			
Lindane (Reedco)	Unknown	July 1988 site audit	None
Historical			
Lindane (Reedco)	Unknown	NUS Workplan; EQB, 1978	Detected in soil at Reedco

FRO 001 0949

TABLE 1-4 (continued)

Compound	Quantity/ Concentration	Reference	Remarks
SQUIBB			
Current			
Hydrochloric Acid	Unknown	EPA, 1989 a-n	Organics detected in storm sewers and air
Sulfuric Acid	Unknown		
Phosphoric Acid	Unknown		
Acetone	Unknown		
Methylene Chloride	Unknown		
MEBK	Unknown		
Methanol	Unknown		
Dichloromethane	Unknown		
Historical			
Potassium Penicillin	Unknown	EQB, 1978	None
Mycelium Powder	Unknown		
Solvents	Unknown		

TABLE 1-5

Summary of Previous Surface Water Sampling Efforts for Mercury - Number of Samples (Number of Locations)

Month/Year	Agency	Industrial Effluent	Technicon Ditch	Frontera Creek	Frontera Lagoons	Mandri Canal	Cristiana/Villa Palmira WTP Effluent	Background	Remarks
Prior to March 1978	-	-	-	-	-	-	-	-	No record of any samples collected
March 1978	EQB	2 *	0	0	0	0	0	0	Hg detected at Technicon, Squibb
April 1978	EQB	1 **	0	1	0	0	0	0	Hg detected in Technicon effluent and Frontera Creek
Nov. 1978	Technicon	1	5+	8+	0	2	0	0	Highest value in effluent; highest creek value downstream of Technicon ditch
Oct. 1979	EPA	0	0	07	0	0	0	0	Highest value at creek mouth; other high values downstream of Technicon ditch
Dec. 1980	Langston Labs	0	0	4	6	3	0	0	All below 1 ug/l except one Mandri Canal sample
Aug. 1981	Langston Labs	0	0	6	2	2	0	0	All values below 1 ug/l
Feb. 1983	EPA-FIT	0	0	2	0	0	0	0	Hg not detected
April 1985	EPA (NUS)	4 ***	0	11	0	0	0	2	About 0.5 ug/l detected in NIPWTP lagoons; creek samples all BMDL.
TOTALS:		8	5+	40+	8	7	0	2	

* Technicon, Squibb
** Technicon
*** NIPWTP lagoons

FRO 001 0951

TABLE 1-6

Summary of Previous Sediment Sampling Efforts for Mercury - Number of Samples (Number of Locations)

Month/Year	Agency	Technicon Ditch	Frontera Creek	Frontera Lagoons	Mandri Canal	Background	Other	Remarks
Oct. 1978	EQB	3 (1)	12 (4)	0	0	0	0	Highest values (188,000 ug/kg) at intersection of creek and Technicon ditch. Other high values in ditch (35,000 ug/kg) and in creek upstream and downstream of ditch (5,000 ug/kg)
Nov. 1978	Technicon	41 (9)	70 (21)	0	2 (1)	0	0	Concentrations in ditch (25,000-85,000 ug/kg) generally one order of magnitude higher than values in creek (1,000-3,500 ug/kg)
Jan. 1979	EQB	0	108 (18)	0	12 (2)	0	0	Values >1,000 ug/kg detected in samples from end of Cristiana to Santa Teresa pump station
Oct. 1979	EPA	0	15		0	0	0	Most values >10,000 ug/kg. Highest values occur downstream of Technicon ditch to NIPWTP and from lagoons to Villa Palmira
Aug. 1981	Langston Labs	0	10	0	7	0	0	All values <1,000 ug/kg; all but one <500 ug/kg
April 1982	EPA-FIT	0	1	2	0	0	0	Hg values all BMDL
Feb. 1983	EPA-FIT	0	2 (HSL)	0	0	0	0	Hg values all BMDL
June 1983	Technicon	2	2	0	0	0	0	Values in ditch 5,500 and 15,000 ug/kg; values in creek 44 and 336 ug/kg
June 1984	PRDNR	0	7	2	2	2	0	All samples <1,000 ug/kg
Feb. 1985	EQB	0	11	0	0	0	0	Reportedly, bank samples from Alcon to mouth; most samples >1,000 ug/kg

PRO 001 0952

TABLE 1-6 (continued)

Month/Year	Agency	Technicon Ditch	Frontera Creek	Frontera Lagoons	Mandri Canal	Background	Other	Remarks
March 1985	EQB	0	15	0	0	0	0	Creek sampled from Rt. 925 to end of Cristiana; three samples re-analyzed by EQB
March 1985	EPA	0	3	0	0	0	0	Splits of above EQB samples; re-analyses show that values actually around 100 ug/kg
April 1985	EPA (NUS)	0	13 (15)	1	0	1	4 (3)*	Highest values in creek between Technicon ditch and NIPWTP lagoon area
TOTALS		46 (12)	254 (109)	5	23 (12)	3	4 (3)	

* NIPWTP lagoons

Source: NUS Workplan

TABLE 1-7

Summary of Previous Soil Sampling Efforts for Mercury - Number of Samples (Number of Locations)

Month/Year	Agency	Industrial	Cristiana	Background	Remarks
Prior to Feb. 1985	-	-	-	-	No record of any samples collected
Feb. 1985	EQB	0	33*	0	About 1/2 of samples >1,000 ug/kg; no QC information provided
March 1985	EQB	0	47	0	16 Cristiana samples >1,000 ug/kg; no QC information available but two samples with highest values were re-analyzed by EQB and shown to contain <1,000 ug/kg
March 1985	EPA	0	2	0	Splits of above two EQB samples with highest values; results show <1,000 ug/kg
April 1985	EPA (NUS)	0	59 (55)	2	Highest value 0.72 ug/kg for Cristiana samples
April 1985	EQB	0	14	7	Splits of above EPA (NUS) samples; results comparable

* 5 house lots

Summary of Previous Biota Sampling Efforts for Mercury - Number of Samples (Number of Locations)

Month/Year	Agency	Sample Type	Technicon Ditch	Frontera Creek	Frontera Lagoons	Mandri Canal	Other	Background	Total	Remarks
Prior to 1978		-	-	-	-	-	-	-	-	No record
Nov. 1978	Technicon	Fish	2	4	0	0	4*	0	10	Values reportedly within normal ranges
		Cow blood	4	0	0	0	0	0	4	
		Cow hair	14	0	0	0	0	0	14	
		Cow milk	1	0	0	0	0	0	1	
April 1985	NUS	Fish	0	1	6	0	0	2**	9	All values <1 ug/kg
		Crab	0	0	2	0	0	0	2	
		Fruit/Vegetables	0	0	0	0	3 *+	0	3	
		Milk	0	0	0	0	3 *++	0	3	
		Eggs	0	0	0	0	1 *++	0	1	

* Ocean near El Morrillo
** Anton Ruiz
*+ Cristiana yards
*++ Store at Cristiana

Source: NUS Workplan

TABLE 1-9

Summary of Previous Surface Water Sampling Efforts for HSL Parameters - Number of Samples (Number of Locations)

Month/Year	Agency	Industrial Effluent	Technicon Ditch	Frontera Creek	Frontera Lagoons	Mandri Canal	Cristiana/Villa Palmira WTP Effluent	Background	Analytes/Remarks
Prior to Nov. 1977	-	-	-	-	-	-	-	-	No record of any samples collected
Nov. 1977	EQB	unknown	0	unknown	0	0	0	0	Lindane reportedly detected in all samples
March-June 1978	EQB	14	0	21	0	0	0	0	Water quality plus CN, Cr, H_g, phenol, etc.
Nov. 1978	Technicon	2	13 (5)	24 (5)	0	5 (1)	0	0	Water quality plus H_g, Zn, phenol, etc.
Oct. 1979	EPA	unknown*	0	7	0	0	0	0	Metals, CN, phenolics, organics (1)
Dec. 1980	Langston Labs	0	0	13	0	0	0	0	Metals, surfactants, phenols
Feb. 1983	EPA-FIT	0	0	2	0	0	0	0	HSL
April 1985	EPA (NUS)	4 (3)**	0	0	0	0	0	0	HSL
TOTALS:		19+	13 (5)	67+ (48+)	0	5 (1)	0	0	

* Squibb
** HIPWTP Lagoons

Source: NUS Workplan

TABLE 1-10

Summary of Previous Sediment Sampling Efforts for HSL Parameters - Number of Samples (Number of Locations)

Month/Year	Agency	Technicon Ditch	Frontera Creek	Frontera Lagoons	Mandri Canal	Background	Other	Analytes/Remarks
Prior to Jan. 1979	-	-	-	-	-	-	-	No record
Jan. 1979	EPA	0	7	0	0	0	0	Organics; length of creek sampled
April 1982	EPA-FIT	0	1*	2	0	0	0	Pesticides/metals; values generally within twice upstream value; pesticides and mercury all BMDL
Feb. 1983	EPA-FIT	0	2	0	0	0	0	HSL; chlordane detected in one sample
June 1983	Technicon	2	2	0	0	0	0	Zinc; highest value in creek upstream of Technicon ditch
April 1985	EPA (NUS)	0	11**	0	0	1	0	Lindane; not detected
TOTALS		2	23	2	0	1	0	

* Bank samples
** Includes two bank samples

Source: NUS Workplan

TABLE 1-11

Summary of Previous Biota Sampling Efforts for HSL Parameters - Number of Samples (Number of Locations)

Month/Year	Agency	Sample Type	Technicon Ditch	Frontera Creek	Frontera Lagoons	Mandri Canal	Other	Total	Remarks
Prior to 1978		-	-	-	-	-	-	-	No record
Nov. 1978	Technicon	Biota survey	x	x	-	-	-	-	Qualitative in nature
April 1982	EPA	Fish	0	0	7	0	0	7	Pesticides; none detected
		Cow milk	0	1	0	0	0	1	Pesticides, metals
Nov. 1982	unknown	Pelicans	0	0	10	0	0	10	Botulism; none

Source: NUS Workplan

TABLE 3-1

Ciudad Cristiana Surface Soil Sampling Program

Dynamac Number	Replicate (for Dynamac Sample on Line Above)	ETC Number	Analytes[1]
On-site			
CCSSA01		BD0413	HgT, HgI, HSL
CCSSA02		BD0269	HgT
CCSSA08		BD0417	HgT, HSL
CCSSB07		BD0338	HgT, HSL
CCSSB13		BD0272	HgT
CCSSC01		BD0321	HgT, HgI
CCSSC02		BD0273	HgT
CCSSC06		BD0276	HgT
CCSSC07		BD0322	HgT, HgI
CCSSC08		BD0266	HgT
CCSSC11		BD0267	HgT
CCSSC16		BD0323	HgT, HgI
CCSSD05		BD0414	HgT, HSL
CCSSD06		BD0274	HgT
CCSSD09		BD0315	HgT, HgI
CCSSK01	REPLICATE	BD0317	HgT, HgI
CCSSD13		BD0415	HgT, HSL
CCSSD16		BD0268	HgT
CCSSD18		BD0318	HgT, HgI
CCSSD20		BD0416	HgT, HSL
CCSS20D		BD2534	HgT
CCSSK10	REPLICATE	BD2535	HgT
CCSSD21		BD0275	HgT
CCSSD24		BD0270	HgT
CCSSD25		BD0328	HgT, HgI
CCSSD29		BD0271	HgT
CCSSD30		BD0302	HgT
CCSSD39		BD0303	HgT
CCSSD40		BD0329	HgT, HgI
CCSSD42		BD0287	HgT
CCSSD45		BD0288	HgT
CCSSD48		BD0418	HgT, HgI, HSL
CCSS48D		BD2536	HgT
CCSSE01		BD0313	HgT, HgI
CCSS01E		BD0289	HgT
CCSSK02	REPLICATE	BD0286	HgT
CCSSE02		BD0285	HgT
CCSSE04		BD0284	HgT
CCSSE06		BD0316	HgT, HgI
CCSSE07		BD0283	HgT
CCSS07E		BD0281	HgT
CCSSE08		BD0327	HgT, HgI
CCSSE09		BD0345	HgT, HSL

FRO 001 0960

TABLE 3-1 (continued)

Dynamac Number	Replicate (for Dynamac Sample on Line Above)	ETC Number	Analytes[1]
On-site (continued)			
CCSSE19		BD0314	HgT, HgI
CCSSK03	REPLICATE	BD0320	HgT, HgI
CCSS19E		BD0282	HgT
CCSSE20		BD0419	HgT, HSL
CCSSE21		BD0277	HgT
CCSSF06		BD0386	HgT
CCSSF14		BD0326	HgT, HgI
CCSSG03		BD0278	HgT
CCSSG08		BD0347	HgT, HgI, HSL
CCSSK08	REPLICATE	BD0348	HgT, HSL
CCSSG12		BD0279	HgT
CCSSG16		BD0280	HgT
CCSSG18		BD0319	HgT, HgI
CCSSG19		BD0290	HgT
CCSSK04	REPLICATE	BD0291	HgT
CCSSH03		BD0292	HgT
CCSSH05		BD0399	HgT, HgI
CCSSH07		BD0349	HgT, HSL
CCSS07H		BD2537	HgT
CCSSH08		BD0330	HgT, HgI
CCSSH11		BD0293	HgT
CCSSI04		BD0331	HgT, HgI
CCSSI06		BD0420	HgT, HSL
CCSSI08		BD0294	HgT
CCSSK05	REPLICATE	BD0295	HgT
CCSSI12		BD0350	HgT, HgI, HSL
CCSSI17		BD2532	HgT
CCSSI18		BD0296	HgT
CCSSI22		BD0400	HgT, HgI
CCSSI25		BD0297	HgT
CCSSI26		BD2544	HgT, HgI, HSL
CCSSK06	REPLICATE	BD2545	HgT, HgI, HSL
CCSS26I		BD0387	HgT
CCSSI31		BD0401	HgT, HgI
CCSS31I		BD0298	HgT
CCSSJ01		BD2542	HgT, HgI
CCSSJ06		BD2543	HgT, HgI
CCSSJ13		BD0402	HgT, HgI
CCSS13J		BD0299	HgT
CCSSK07	REPLICATE	BD0300	HgT
CCSSN14		BD0301	HgT
CCSSN17		BD0403	HgT, HgI
CCSSN23		BD0363	HgT
CCSS23N		BD0364	HgT
CCSSN29		BD0404	HgT, HgI
CCSS29N		BD0365	HgT
CCSSN40		BD0366	HgT

FRO 001 0961

TABLE 3-1 (continued)

Dynamac Number	Replicate (for Dynamac Sample on Line Above)	ETC Number	Analytes[1]
On-site (continued)			
CCSSN46		BD2546	HgT, HSL
CCSSN55		BD0346	HgT, HgI, HSL
CCSS55N		BD0385	HgT
CCSSO03		BD0367	HgT
CCSSO07		BD0333	HgT, HgI
CCSSO08		BD0344	HgT, HSL
CCSS08O		BD0334	HgT, HgI
CCSSO11		BD0368	HgT
CCSSO20		BD0369	HgT
CCSSO21		BD0405	HgT, HgI
CCSSO24		BD0370	HgT
CCSSK09	REPLICATE	BD0371	HgT
CCSSO30		BD0406	HgT, HgI
CCSSP13		BD0372	HgT
CCSSP15		BD0373	HgT
CCSSP21		BD0407	HgT, HgI
CCSSP23		BD0335	HgT, HgI
CCSS23P		BD0336	HgT, HgI
CCSSP26		BD0408	HgT, HgI
CCSSP29		BD0339	HgT, HSL
CCSSP30		BD0409	HgT, HgI
CCSS30P		BD0374	HgT
CCSSK11	REPLICATE	BD0351	HgT
CCSSQ03		BD0352	HgT
CCSSQ04		BD0353	HgT
CCSSQ05		BD0410	HgT, HgI
CCSS05Q		BD0354	HgT
CCSSQ07		BD0355	HgT
CCSSQ10		BD0337	HgT, HgI
CCSSQ19		BD0356	HgT
CCSSQ27		BD0388	HgT
CCSSR03		BD0340	HgT, HgI, HSL
CCSSR05		BD0357	HgT
CCSSK12	REPLICATE	BD0358	HgT
CCSSR09		BD0389	HgT, HgI
CCSS09R		BD0390	HgT
CCSSR14		BD0359	HgT
CCSSR16		BD0411	HgT, HgI
CCSSR21		BD0341	HgT, HSL
CCSS21R		BD0384	HgT
CCSSR22		BD0412	HgT, HgI
CCSSS05		BD0360	HgT
CCSSK13	REPLICATE	BD0361	HgT
CCSS05S		BD0362	HgT
CCSSS09		BD0324	HgT, HgI
CCSSS11		BD0342	HgT, HSL
CCSSS14		BD0375	HgT

FRO 001 0962

TABLE 3-1 (continued)

Dynamac Number	Replicate (for Dynamac Sample on Line Above)	ETC Number	Analytes[1]
On-site (continued)			
CCSSS15		BD0391	HgT, HgI
CCSST01		BD0376	HgT
CCSST11		BD0377	HgT
CCSST13		BD0392	HgT, HgI
CCSST20		BD0378	HgT
CCSSK14	REPLICATE	BD0379	HgT
CCSST35		BD0380	HgT
CCSSX12		BD0343	HgT, HgI, HSL
CCSSX17		BD0325	HgT, HgI
CCSS17X		BD0381	HgT
CCSSX21		BD0382	HgT
CCSSX25		BD0383	HgT
Background			
CCSSM01		BD0422	HgT, HSL
CCSSM02		BD0396	HgT, HgI
CCSSM03		BD0397	HgT, HgI
CCSSM04		BD0394	HgT
CCSSM05		BD0393	HgT, HgI
CCSSM06		BD2539	HgT
CCSSM07		BD2540	HgT
CCSSM08		BD0424	HgT, HgI, HSL
CCSSK15	REPLICATE	BD0423	HgT, HgI, HSL
CCSSM09		BD2541	HgT
CCSSM10		BD0395	HgT
CCSSM11		BD0398	HgT, HgI
CCSSM12		BD2533	HgT
CCSSM13		BD2538	HgT
CCSSM14		BD0332	HgT, HgI
CCSSM15		BD0421	HSL-VOA

1 - HgT = Total Mercury; HgI = Inorganic Mercury; HSL = Hazardous Substance List; HSL-VOA = volatile organic fraction of HSL sample

FRO 001 0963

TABLE 3-2

Selection Criteria for Testing Boring Locations

House Lot	Proposed Selection Criteria	Final Changes in Well Location
B-7	EPA*	None
G-8	EPA*	Due to overhead power lines, moved well location from right of way to side of house
I-12	EPA*	None
N-40	EPA*	Due to overhead power lines, well moved from right of way to side of house
P-30	EPA*	Backyard inaccessible; well moved to P-29
S-15	EPA*	None
A-8	Random	None
D-34	Random	Due to overhead power lines and site access problems, well moved to house lot D-35
E-23	Random	None
J-15	Random	None
Q-16	Random	Moved to Q-27 for better location and access
X-12	Random	None

* Selected to be among the ten sites reported by EPA in their April 1985 study to have the ten highest mercury concentrations in surface soils.

TABLE 3-3

Ciudad Cristiana Subsurface Soil Sampling (Test Boring) Program

Dynamac Number	Replicate (for Dynamac Sample on Line Above)	ETC Number	Analytes[1]
On-site			
TBA08D01		BD3516	HgT, HgI
TBA08D02		BD3517	HgT, HgI
TBA08D03		BD3518	HgT, HgI
TBA08D04		BD3519	HgT, HgI
TBA08D05		BD3520	HgT, HgI
TBK05D05	REPLICATE	BD3521	HgT, HgI
TBA08D06		BD3522	HgT, HgI
TBA08D07		BD3523	HgT, HgI
TBB07D01		BD3495	HgT, HgI, HSL
TBB07D02		BD3591	HgT, HgI
TBB07D03		BD3592	HgT, HgI
TBB07D04		BD3496	HgT, HgI, HSL
TBB07D05		BD3593	HgT, HgI
TBB07D06		BD3497	HgT, HgI, HSL
TBK07D06	REPLICATE	BD3475	HgT, HgI, HSL
TBB07D07		BD3594	HgT, HgI
TBD34D01		BD6635	HgT, HgI
TBD34D02		BD6636	HgT, HgI
TBD34D03		BD6637	HgT, HgI
TBK10D03	REPLICATE	BD6638	HgT, HgI
TBD34D04		BD6639	HgT, HgI
TBD34D05		BD6640	HgT, HgI
TBD34D06		BD6641	HgT, HgI
TBD34D07		BD6642	HgT, HgI
TBK11D07	REPLICATE	BD6643	HgT, HgI
TBE23D01		BD3556	HgT, HgI
TBK09D01	REPLICATE	BD3557	HgT, HgI
TBE23D02		BD3559	HgT, HgI
TBE23D03		BD3560	HgT, HgI
TBE23D04		BD3561	HgT, HgI
TBE23D05		BD3562	HgT, HgI
TBE23D06		BD3563	HgT, HgI
TBE23D07		BD3564	HgT, HgI
TBG08D01		BD3489	HgT, HgI, HSL
TBG08D02		BD3543	HgT, HgI
TBG08D03		BD3544	HgT, HgI
TBK06D03	REPLICATE	BD3545	HgT, HgI
TBG08D04		BD3490	HgT, HgI, HSL
TBG08D05		BD3546	HgT, HgI
TBG08D06		BD3491	HgT, HgI, HSL
TBG08D07		BD3547	HgT, HgI

TABLE 3-3 (continued)

Dynamac Number	Replicate (for Dynamac Sample on Line Above)	ETC Number	Analytes[1]
On-site (continued)			
TBI12D01		BD3486	HgT, HgI, HSL
TBI12D02		BD3524	HgT, HgI
TBI12D03		BD3525	HgT, HgI
TBI12D04		BD3487	HgT, HgI, HSL
		BE0812*	
TBI12D05		BD3526	HgT, HgI
TBI12D06		BD3488	HgT, HgI, HSL
TBI12D07		BD3527	HgT, HgI
TBJ14D01		BD3548	HgT, HgI
TBJ14D02		BD3549	HgT, HgI
TBK08D02	REPLICATE	BD3550	HgT, HgI
TBJ14D03		BD3551	HgT, HgI
TBJ14D04		BD3552	HgT, HgI
TBJ14D05		BD3553	HgT, HgI
TBJ14D06		BD3554	HgT, HgI
TBJ14D07		BD3555	HgT, HgI
TBN40D01		BD3480	HgT, HgI, HSL
TBK03D01	REPLICATE	BD3481	HgT, HgI, HSL
TBN40D02		BD3498	HgT, HgI
TBN40D03		BD3499	HgT, HgI
TBN40D04		BD3500	HgT, HgI
TBN40D05		BD3501	HgT, HgI
TBN40D06		BD3482	HgT, HgI, HSL-VOA
TBN40D07		BD3503	HgT, HgI
TBP29D01		BD3483	HgT, HgI, HSL
TBP29D02		BD3504	HgT, HgI
TBP29D03		BD3505	HgT, HgI
TBP29D04		BD3484	HgT, HgI, HSL
TBP29D06		BD3485	HgT, HgI, HSL
TBP29D07		BD3506	HgT, HgI
TBP29D08		BD3507	HgT, HgI
TBQ27D01		BD3508	HgT, HgI
TBQ27D02		BD3509	HgT, HgI
TBQ27D03		BD3510	HgT, HgI
TBQ27D04		BD3511	HgT, HgI
TBQ27D05		BD3512	HgT, HgI
TBQ27D06		BD3513	HgT, HgI
TBK04D06	REPLICATE	BD3514	HgT, HgI
TBQ27D07		BD3515	HgT, HgI

FRO 001 0966

TABLE 3-3 (continued)

Dynamac Number	Replicate (for Dynamac Sample on Line Above)	ETC Number	Analytes[1]
On-site (continued)			
TBS15D01		BD3471	HgT, HgI, HSL
TBK01D01	REPLICATE	BD3472	HgT, HgI, HSL
TBS15D02		BD3570	HgT, HgI
TBS15D03		BD3571	HgT, HgI
TBS15D04		BD3473	HgT, HgI, HSL
TBS15D05		BD3572	HgT, HgI
TBS15D06		BD3474	HSL-VOA
TBS15D07		BD3574	HgT, HgI
TBX12D01		BD3575	HgT, HgI
TBX12D02		BD3576	HgT, HgI
TBX12D03		BD3577	HgT, HgI
TBX12D04		BD3578	HgT, HgI
TBX12D05		BD3579	HgT, HgI
TBX12D06		BD3580	HgT, HgI
TBX12D07		BD3581	HgT, HgI
TBK02D07	REPLICATE	BD3582	HgT, HgI
Background			
TBBG1D01		BD3539	HgT, HgI
TBBG1D02		BD3538	HgT, HgI
TBBG1D03		BD3542	HgT, HgI
TBBG1D04		BD3531	HgT, HgI
TBBG1D05		BD3530	HgT, HgI
TBBG1D06		BD3535	HgT, HgI
TBBG1D07		BD3534	HgT, HgI
TBBG2D01		BD3477	HgT, HgI, HSL
TBBG2D02		BD3528	HgT, HgI
TBBG2D03		BD3529	HgT, HgI
TBBG2D04		BD3478	HgT, HgI, HSL
TBBG2D05		BD3532	HgT, HgI
TBBG2D06		BD3479	HgT, HgI, HSL
TBBG2D07		BD3533	HgT, HgI
TBBG3D01		BD3536	HgT, HgI
TBBG3D02		BD3537	HgT, HgI
TBBG3D03		BD3540	HgT, HgI
TBBG3D04		BD3541	HgT, HgI
TBBG3D05		BD3583	HgT, HgI
TBBG3D06		BD3584	HgT, HgI
TBBG3D07		BD3585	HgT, HgI

TABLE 3-3 (continued)

Dynamac Number	Replicate (for Dynamac Sample on Line Above)	ETC Number	Analytes[1]
Background (continued)			
TBBG4D01		BD3492	HgT, HgI, HSL
TBBG4D02		BD3586	HgT, HgI
TBBG4D03		BD3587	HgT, HgI
TBBG4D04		BD3493	HgT, HgI, HSL
TBBG4D05		BD3588	HgT, HgI
TBBG4D06		BD3494	HgT, HgI, HSL
TBBG4D07		BD3590	HgT, HgI
TBBG5D01		BD3565	HgT, HgI
TBBG5D02		BD3566	HgT, HgI
TBBG5D03		BD3567	HgT, HgI
TBBG5D04		BD3568	HgT, HgI
TBBG5D05		BD3569	HgT, HgI
TBBG5D06		BD6644	HgT, HgI
TBBG5D07		BD6645	HgT, HgI

1 - HgT = Total Mercury; HgI = Inorganic Mercury; HSL = Hazardous Substance List; HSL-VOA = volatile organic fraction of HSL sample
* - ETC renumber and partial analysis of above sample number

FRO 001 0968

TABLE 3-4

Subsurface Soil Sampling Summary

Location	Samples						
	D01	D02	D03	D04	D05	D06	D07
A-08	0-3"(Hg)	6-24"(Hg)	2-4'(Hg)	4-6'(Hg)[a]	8-10'(Hg)[a]	10-12'(Hg)	14-16'(Hg)
B-07	0-3"(HSL)	6-24"(Hg)	2-4'(Hg)	4-6'(HSL)	8-10'(Hg)	10-12'(HSL)[a]	14-16'(Hg)
D-34	0-3"(Hg)	6-24"(Hg)	2-4'(Hg)[a]	4-6'(Hg)	8-10'(Hg)	14-16'(Hg)	14-18'(Hg)[a]
E-23	3-6"(Hg)[a]	6-24"(Hg)	2-4'(Hg)	4-6'(Hg)	8-10'(Hg)	10-12'(HSL)	14-16'(Hg)
G-08	0-3"(Hg)	6-24"(Hg)	2-4'(Hg)[a]	4-6'(HSL)	8-10'(Hg)	10-12'(HSL)	14-16'(Hg)
I-12	3-6"(HSL)	6-24"(Hg)	2-4'(Hg)	4-6'(HSL)	8-10'(HSL)	10-12'(HSL)	14-16'(Hg)
J-14	0-3"(Hg)	6-24"(Hg)[a]	2-4'(Hg)	4-6'(Hg)	8-10'(Hg)	12-14'(Hg)	14-16'(Hg)
N-40	0-3"(HSL)[a]	6-24"(Hg)	2-4'(Hg)	4-6'(Hg)	8-10'(Hg)	10-12'(HSL-VOC) 12-14'(HSL-NON VOC)	14-16'(Hg)
P-29	0-3"(HSL)	6-24"(Hg)	2-4'(Hg)	4-6'(HSL)	10-12'(HSL)*	12-14'(Hg)*	14-16'(Hg)*
Q-27	0-3"(Hg)	6-24"(Hg)	2-4'(Hg)	4-6'(Hg)	8-10'(Hg)	12-14'(Hg)[a]	14-16'(Hg)
S-15	0-3"(HSL)[a]	6-24"(Hg)	2-4'(Hg)	4-6'(HSL-VOC) 6-10'(HSL-NON VOC)	8-10'(Hg)	10-12'(HSL-VOC) 12-14' (HSL-NON VOC)	14-16'(Hg)
X-12	0-3"(Hg)	6-24"(Hg)	2-4'(Hg)	4-6'(Hg)	8-10'(Hg)	10-12'(Hg)	14-16'(Hg)[a]
BG-1	0-3"(Hg)	9-18"(Hg)	2-4'(Hg)	5-7'(Hg)	8-10'(Hg)	11-13'(Hg)	13-15'(Hg)
BG-2	0-3"(HSL)	6-24"(Hg)	2-4'(Hg)	4-6'(HSL-VOC) 6-8'(HSL-NON VOC)	8-10'(Hg)	12-16'(HSL)	18-20'(Hg)
BG-3	0-3"(Hg)	6-24"(Hg)	2-4'(Hg)	4-6'(Hg)	8-10'(Hg)	10-12'(Hg)	12-14'(Hg)
BG-4	0-3"(HSL)	6-24"(Hg)	2-4'(Hg)	4-6'(HSL-VOC) 4-8'(Hg) 6-10'(HSL-NON-VOC)	8-10'(Hg)	10-12'(HSL-VOC) 12-14'(HSL-NON VOC)	14-16'(Hg)
BG-5	0-3"(Hg)	6-24"(Hg)	2-4'(Hg)	4-6'(Hg)	8-10'(Hg)	10-12'(Hg)	14-16'(Hg)

a - Denotes Dynamac replicate

* - Due to poor recovery, no D05 samples collected. Table listing for D05, D06, and D07 are actually D06, D07, and D08 depth samples respectively.

Hg - Indicates analysis for total and inorganic mercury only

HSL - Indicates analysis for Hazardous Substances List compounds

BG - Denotes background borings

TABLE 3-5

Industrial Soil Sampling Program

Dynamac Number	Replicate (for Dynamac Sample on Line Above)	ETC Number	Analytes[1]
Technicon			
ISTECH01A		BE6187	HgT, HgI, HSL
ISTECH01B		BE6127	HgT, HgI
ISTECH01C[2]		BE6128	HgT, HgI
ISTECH02A		BE6179	HgT, HgI, HSL
ISTECH02B		BE6106	HgT, HgI
ISTECHB02	REPLICATE	BE6110	HgT, HgI
ISTECH02C		BE6107	HgT, HgI
ISTECH03A		BE6180	HgT, HgI, HSL
ISTECH03B		BE6108	HgT, HgI
ISTECH03C		BE6109	HgT, HgI
ISTECH04A		BE6181	HgT, HgI, HSL
ISTECH04B		BE6111	HgT
ISTECH04C		BE6112	HgT
ISTECH05A		BE6183	HgT, HSL
ISTECH06A		BE6182	HgT, HSL
ISTECH07A		BE6185	HgT, HSL
ISTECHA07	REPLICATE	BE6186	HgT, HSL
ISTECH08A		BE6184	HgT, HgI, HSL
ISTECH08B		BE6125	HgT
ISTECH08C		BE6126	HgT
ISTECH09A		BE6115	HgT
ISTECH10A		BE6116	HgT
ISTECH11A		BE6117	HgT
ISTECH12A		BE6121	HgT
ISTECH13A		BE6122	HgT
ISTECH14A		BE6123	HgT
ISTECH15A		BE6124	HgT
ISTECH16A		BE6113	HgT
ISTECHA16	REPLICATE	BE6114	HgT
ISTECH17A		BE6129	HgT
ISTECH18A		BE6130	HgT
ISTECH19A		BE6131	HgT
ISTECH20A		BE6132	HgT
Alcon			
ISALCN01A		BE6177	HgT, HgI, HSL
ISALCN01B		BE6100	HgT, HgI
ISALCNB01	REPLICATE	BE6101	HgT, HgI
ISALCN02A		BE6178	HgT, HgI, HSL
ISALCN02B		BE6104	HgT
ISALCN02C		BE6105	HgT
ISALCN03A		BE6176	HgT, HgI, HSL
ISALCN03B		BE6099	HgT
ISALCN04A		BE6175	HgT, HSL

FRO 001 0670

TABLE 3-5 (continued)

Dynamac Number	Replicate (for Dynamac Sample on Line Above)	ETC Number	Analytes[1]
Alcon (continued)			
ISALCN05A		BE6102	HgT
ISALCN06A		BE6095	HgT
ISALCN07A		BE6103	HgT
ISALCN08A		BE6097	HgT
ISALCNA08	REPLICATE	BE6098	HgT
ISALCN09A		BE6096	HgT
ISALCN10A		BE6094	HgT
Colorcon			
ISCLCN01A		CA0844	HgT, HSL
ISCLCN02A		CA0845	HgT, HSL
ISCLCN02B		CA0825	HgT, HgI
ISCLCNB02	REPLICATE	CA0826	HgT, HgI
ISCLCN02C		CA0879	HgT, HgI
ISCLCN03A		CA0824	HgT, HgI
ISCLCN04A		CA0827	HgT
ISCLCN04B		CA0828	HgT
ISCLCN04C[3]		CA0829	HgT
ISCLCN05A		CA0871	HgT
Dentco			
ISDENT01A		BH8775	HgT, HSL
ISDENT01B		BH8812	HgT, HgI
ISDENT01C		BH8813	HgT, HgI
ISDENT02A		BH8799	HgT
ISDENT03A		BH8800	HgT
ISDENT04A		BH8801	HgT
ISDENT05A		BH8803	HgT
ISDENTA05	REPLICATE	BH8802	HgT
ISDENT06A		BH8804	HgT
ISDENT07A		BH8776	HgT, HgI, HSL
ISDENT07B		BH8814	HgT
ISDENT07C[4]		BH8815	HgT
ISDENT08A		BH8777	HgT, HSL
ISDENT09A		BH8778	HgT, HgI, HSL
ISDENT09B		BH8816	HgT
ISDENT10A		BH8805	HgT
Reedco			
ISREED01A		BH8806	HgT
ISREEDA01	REPLICATE	BH8807	HgT
ISREED02A		BH8808	HgT
ISREED03A		BH8870	HgT, HgI, HSL
ISREED03B		BH8793	HgT, HgI
ISREED03C		BH8794	HgT, HgI

PRO 001 0971

TABLE 3-5 (continued)

Dynamac Number	Replicate (for Dynamac Sample on Line Above)	ETC Number	Analytes[1]
Reedco (continued)			
ISREED04A		BH8809	HgT
ISREED05A		BH8810	HgT
ISREED06A		BH8771	HgT, HgI, HSL
ISREEDA06	REPLICATE	BH8772	HgT, HgI, HSL
ISREED06B		BH8795	HgT
ISREED06C		BH8796	HgT
ISREED07A		BH8773	HgT, HSL
ISREED08A		BH8774	HgT, HgI, HSL
ISREED08B[5]		BH8797	HgT
ISREED09A		BH8811	HgT
ISREED10A		BH8792	HgT
Denver Chemical			
ISDENV01A		CA1120	HgT, HSL
ISDENV02A		CA1121	HgT, HSL
ISDENV03A		CA1112	HgT, HgI
ISDENV03B		CA1113	HgT, HgI
ISDENV03C		CA1114	HgT, HgI
ISDENV04A		CA1115	HgT
ISDENV04B		CA1116	HgT
ISDENV04C[6]		CA1117	HgT
ISDENV05A		CA1118	HgT
ISDENVA05	REPLICATE	CA1119	HgT
Esplas			
ISESPS01A		BE6194	HgT, HSL
ISESPSA01	REPLICATE	BE6195	HgT, HSL
ISESPS02A		BE9329	HgT, HSL
ISESPS03A		BE6139	HgT, HgI
ISESPS03B		BE6140	HgT, HgI
ISESPS03C[2]		BE6141	HgT, HgI
ISESPSC03[2]	REPLICATE	BE6142	HgT, HgI
ISESPS04A		BE6149	HgT
ISESPS04B		BE6150	HgT
ISESPS04C[7]		BE6151	HgT
ISESPS05A		BE6147	HgT
Humacao Industrial Park Wastewater Treatment Plant			
ISHWTP01A		CA1148	HgT, HgI, HSL
		CA1742 ++	
ISHWTP01B		CA1124	HgT, HgI
ISHWTP01C		CA1125	HgT, HgI
ISHWTPC01	REPLICATE	CA1126	HgT, HgI

FRO 001 0972

TABLE 3-5 (continued)

Dynamac Number	Replicate (for Dynamac Sample on Line Above)	ETC Number	Analytes[1]
Humacao Industrial Park Wastewater Treatment Plant (continued)			
ISHWTP02A		CA1149	HgT, HgI, HSL
		CA1743 ++	
ISHWTPA02	REPLICATE	CA1156	HgT, HgI, HSL
		CA1747 ++	
ISHWTP02B		CA1127	HgT, HgI
ISHWTP02C		CA1128	HgT, HgI
ISHWTP03A		CA1150	HgT, HgI, HSL
ISHWTP03B		CA1129	HgT, HgI
ISHWTP04A		CA1151	HgT, HgI, HSL
ISHWTP04B		CA1130	HgT
ISHWTP04C		CA1131	HgT
ISHWTP05A		CA1152	HgT, HgI, HSL
		CA1744 ++	
ISHWTP05B		CA1132	HgT
ISHWTP05C		CA1133	HgT
ISHWTP06A		CA1153	HgT, HSL
ISHWTP06B		CA1134	HgT, HgI
ISHWTP07A		CA1154	HgT, HSL
		CA1745 ++	
ISHWTP08A		CA1155	HgT, HSL
			CA1746 ++
ISHWTP09A		CA1135	HgT
ISHWTP10A		CA1136	HgT
ISHWTPA10	REPLICATE	CA1137	HgT
ISHWTP11A		CA1138	HgT
ISHWTP12A		CA1139	HgT
ISHWTP13A		CA1140	HgT
ISHWTP14A		CA1141	HgT
ISHWTP15A		CA1142	HgT
ISHWTP16A		CA1143	HgT
ISHWTP17A		CA1144	HgT
ISHWTP18A		CA1145	HgT
ISHWTP19A		CA1146	HgT
ISHWTP20A		CA1147	HgT
Owens-Illinois			
ISOWNS01A		CA0841	HgT, HSL
ISOWNS01B[8]		CA0817	HgT, HgI
ISOWNS02A		CA0842	HgT, HSL
ISOWNS03A		CA0816	HgT, HgI
ISOWNS04A		CA0819	HgT
ISOWNS04B		CA0820	HgT
ISOWNS05A		CA0822	HgT

TABLE 3-5 (continued)

Dynamac Number	Replicate (for Dynamac Sample on Line Above)	ETC Number	Analytes[1]
PCR			
ISPCR01A		CA0878	HgT
ISPCR02A		CA0886	HgT, HSL
ISPCRA02	REPLICATE	CA0887	HgT, HSL
ISPCR03A		CA0872	HgT, HgI
ISPCR03B[9]		CA0873	HgT, HgI
ISPCR04A		CA0875	HgT
ISPCR04B		CA0876	HgT
ISPCR04C		CA0877	HgT
ISPCR05A		CA0885	HgT, HSL
Peerless Tube			
ISPEER01A		BE6167	HgT, HSL
		BE6193 *+	
ISPEER02A		BE6168	HgT, HSL
		BE6196 *+	
ISPEER03A		BE6086	HgT, HgI
ISPEERA03	REPLICATE	BE6087	HgT, HgI
ISPEER03B		BE6088	HgT, HgI
ISPEER03C		BE6089	HgT, HgI
ISPEER04A		BE6083	HgT
ISPEER04B		BE6084	HgT
ISPEER04C[2]		BE6085	HgT
ISPEER05A		BE6082	HgT
Squibb			
ISSQBB01A		CA0830	HgT, HgI, HSL
ISSQBBA01	REPLICATE	CA0831	HgT, HgI, HSL
ISSQBB02A		CA0832	HgT, HgI, HSL
ISSQBB02B		CA0809	HgT, HgI
ISSQBB02C[10]		CA0810	HgT, HgI
ISSQBB03A		CA0833	HgT, HgI, HSL
ISSQBB03B		CA0811	HgT, HgI
ISSQBBB03	REPLICATE	CA0812	HgT, HgI
ISSQBB03C		CA0813	HgT, HgI
ISSQBB04A		CA0834	HgT, HgI, HSL
ISSQBB04B		CA0814	HgT, HgI
ISSQBB04C		CA0815	HgT, HgI
Squibb Sediment			
ISSBSED01 -W		CA0835	HgT, HgI, HSL-VOAS
ISSBSED02 -W		CA1106	HgT, HSL
		CA1574 +*	
ISSBSED03 -W		CA1107	HgT, HSL
		CA1575 +*	

TABLE 3-5 (continued)

Dynamac Number	Replicate (for Dynamac Sample on Line Above)	ETC Number	Analytes[1]
Squibb Sediment (continued)			
ISSBSED04		CA0838	HgT, HgI, HSL
ISSBSED05 -W		CA1108	HgT, HSL
		CA1576 +*	
ISSBSED06		CA0839	HgT, HSL
WJK			
ISWJKC01A		CA1174	HgT, HSL
ISWJKC02A		CA1175	HgT, HSL
ISWJKC03A		CA1166	HgT, HgI
ISWJKC03B[11]		CA1167	HgT, HgI
ISWJKCB03[11]	REPLICATE	CA1168	HgT, HgI
ISWJKC04A		CA1170	HgT
ISWJKC04B		CA1171	HgT
ISWJKC04C		CA1172	HgT
ISWJKC05A		CA1173	HgT
Runoff			
ISRUOFF01A		BH8798	HgT
Background			
ISBG01A		BE6171	HgT, HgI, HSL
		BE9335 *+	
ISBG01B		BE6090	HgT, HgI
ISBG01C		BE6091	HgT, HgI
ISBG02A		BE6173	HgT, HgI, HSL
		BE9330 *+	
ISBG02B		BE6092	HgT, HgI
ISBG02C		BE6093	HgT, HgI
ISBG03A		CA1180	HgT, HgI, HSL
		CA1748 ++	
ISBG03B		CA1178	HgT, HgI
ISBG04A		BE6189	HgT, HgI, HSL
ISBGA04	REPLICATE	BE6190	HgT, HgI, HSL
ISBG04B		BE6136	HgT
ISBG04C		BE6137	HgT
ISBG05A		BE6188	HgT, HgI, HSL
ISBG05B		BE6133	HgT
ISBG05C		BE6134	HgT
ISBGC05	REPLICATE	BE6135	HgT
ISBG06A		BE6169	HgT, HgI, HSL
		BE9333 *+	
ISBG07A		BE6170	HgT, HSL
		BE9334 *+	
ISBG08A		BE6172	HgT, HSL
		BE9332 *+	

TABLE 3-5 (continued)

Dynamac Number	Replicate (for Dynamac Sample on Line Above)	ETC Number	Analytes[1]
Background (continued)			
ISBG09A		BE6174	HgT, HSL
		BE9331 *+	
ISBG10A		BH8780	HgT, HSL
ISBG11A		CA1181	HgT, HSL
		CA1749 ++	
ISBG12A		BE6191	HgT, HSL
ISBGA12	REPLICATE	BE6192	HgT, HSL
ISBG13A		BE6138	HgT

* - Depths for A = 0-6"; B = 6-18"; C = 18-36"
*+ - Resampled Extractables
++ - ETC renumber and reanalysis of AE and BN of above sample number
+* - ETC renumber and reanalysis of PEST/PCB of above sample number
-W - Squibb sediment sample analyzed as water

1 - HgT = Total Mercury; HgI = Inorganic Mercury; HSL - Hazardous Substance List
2 - Recovery to 30"
3 - Recovery to 29"
4 - Recovery to 25"
5 - Recovery to 14"
6 - Recovery to 22"
7 - Recovery to 32"
8 - Recovery to 9"
9 - Recovery to 14.5"
10 - Recovery to 35"
11 - Recovery to 13"

TABLE 3-6

Summary of Proposed Industrial Soil Sampling Program
(Projected/Actual)

Site/Sample Depth	Number of Samples		
	Total Mercury	Inorganic Mercury	HSL*
Technicon			
0-6"	22/22	6/5	9/9
6-18"	6/6	3/4	-
18-36"	5/5	3/3	-
Alcon			
0-6"	11/11	3/3	4/4
6-18"	3/4	1/2	-
18-36"	3/1	1/0	-
Colorcon			
0-6"	6/5	1/1	2/2
6-18"	2/3	1/2	-
18-36"	2/2	1/1	-
Dentco			
0-6"	12/11	3/2	4/4
6-18"	3/3	1/1	-
18-36"	3/2	1/1	-
Reedco			
0-6"	12/12	3/4	4/5
6-18"	3/3	1/1	-
18-36"	3/2	1/1	-
Denver Chemical Inc.			
0-6"	6/6	1/1	2/2
6-18"	2/2	1/1	-
18-36"	2/2	1/1	-
Esplas (Polyplastics)			
0-6"	6/6	1/1	2/3
6-18"	2/2	1/1	-
18-36"	2/3	1/2	-
HIPWTP			
0-6"	22/22	6/6	9/9
6-18"	6/6	3/4	-
18-36"	5/5	3/3	-
Owens-Illinois (Warren Teed Labs)			
0-6"	6/5	1/1	2/2
6-18"	2/2	1/1	-
18-36"	2/0	1/0	-

TABLE 3-6 (continued)

Site/Sample Depth	Number of Samples		
	Total Mercury	Inorganic Mercury	HSL*
PCR			
0-6"	6/6	1/1	2/2
6-18"	2/2	1/1	-
18-36"	2/1	1/0	-
Peerless Tube			
0-6"	6/6	1/2	2/2
6-18"	2/2	1/1	-
18-36"	2/2	1/1	-
WJK			
0-6"	6/5	1/1	2/2
6-18"	2/3	1/2	-
18-36"	2/1	1/0	-
Background			
0-6"	15/15	7/7	14/14
6-18"	5/5	3/3	-
18-36"	5/5	3/2	-

* Hazardous substance list; actual depth interval for HSL samples may vary based on field observations and OVA screening

TABLE 3-7

Summary of Modifications to Dynamac SOP as a Result of Memorandum of Understanding (MOU) between Squibb and EPA

	Dynamac Program			Modified Program (Projected/Actual)		
	HgT	HgI	HSL	HgT	HgI	HSL
Soil						
0-6"	22	6	9	5/5	5/5	5/5
6-18"	6	3	-	4/4	4/4	-
18-36"	5	3	-	3/3	3/3	-
Storm Sewer Sediment *	-	-	-	6/6	6/2	6/6 **

* Four of these samples were aqueous phase samples due to lack of sediment in storm sewers.

** One aqueous phase HSL sample was analyzed only for volatile organic compounds.

TABLE 3-8

Groundwater and Potable Water Sampling Program

Dynamac Number	Replicate (for Dynamac Sample on Line Above)	ETC Number	Analytes[1]
GROUNDWATER			
On-site			
GWA08		BE4685	HgT, HgI
GWB07		BE4684	HgT, HgI
GWD34		BE4680	HgT, HgI
GWE23		BE4683	HgT, HgI
GWG08		BE4682	HgT, HgI
GWI12		BE4679	HgT, HgI
GWJ14		BE4681	HgT, HgI
GWN40		BE4677	HgT, HgI
GWP29		BE4678	HgT, HgI
GWQ27		BE4675	HgT, HgI
GWS15		BE4676	HgT, HgI
GWX12		BE4673	HgT, HgI
GW12X	REPLICATE	BE4674	HgT, HgI
Industrial			
GWALCN01		BE4686	HgT, HgI
GWSQBB06A		CA0802	HgT, HgI
GWSQBBA06	REPLICATE	CA0803	HgT, HgI
GWSQBB07A		CA0804	HgT, HgI
GWSQBB08A		CA0805	HgT, HgI
GWSQBB10A		CA0806	HgT, HgI
Background			
GWBG02		BE4670	HgT, HgI
GWBG06		BE4671	HgT, HgI
GW06BG	REPLICATE	BE4672	HgT, HgI
Field Blank			
GWFB01		BE4691	HgT, I
POTABLE WATER			
PW1		BD7663	HgT, HSL
PW2		BD7664	HgT, HgI, HSI

FRO 001 0980

* - ETC renumber and partial analysis of above sample number
1 - HgT = Total Mercury; HgI = Inorganic Mercury; HSL = Hazardous Substance List

TABLE 3-9

Surface Water Sampling Program

Dynamac Number	Replicate (for Dynamac Sample on Line Above)	ETC Number	Analytes[1]
SW01		BD7647	HgT, HgI, HSL
SW02		BD7648	HgT, HgI, HSL
SW03		BD7643	HgT, HgI, HSL
SW04		BD7644	HgT, HgI, HSL
SW05		BD7649	HgT, HgI, HSL
SW06	REPLICATE	BD7650	HgT, HgI, HSL
SW07		BD7645	HgT, HgI, HSL
SW08		BD7651	HgT, HgI, HSL
SW09		BD7652	HgT, HgI, HSL
SW10		BD7646	HgT, HgI, HSL
SW11		BD7653	HgT, HgI, HSL
SW12		BD7654	HgT, HgI, HSL
SW13		BD7655	HgT, HgI, HSL
SW14		BD7656	HgT, HgI, HSL
SW15		BD7657	HgT, HgI, HSL
SW16		BD7658	HgT, HgI, HSL
SW17	REPLICATE	BD7659	HgT, HgI, HSL
		BE6202 *	
SW18		BD7660	HgT, HgI, HSL
SW19		BD7661	HgT, HgI, HSL
SW20		BD7662	HgT, HgI, HSL
SWTD01		BE4768	HgT, HgI, HSL
SWFALLS01		BE4769	HgT, HgI, HSL
Field Blank			
FB01		BD7665	HgT, HgI, HSL
FB02		BD7666	HgT, HgI, HSL

* - ETC renumber and partial analysis of above sample number
1 - HgT = Total Mercury; HgI = Inorganic Mercury; HSL = Hazardous Substance List

FRO 001 0981

TABLE 3-10

Summary of Frontera Creek Sediment Sampling Program

	Number of Samples (Projected/Actual)*			
	HgT	HgI	HSL	Other
CENTERLINE STUDY				
Background Locations				
0-12"	8/8	4/4	4/4	4/4
12-24"	4/3	2/1	0	2/2
Frontera Creek Upstream				
0-12"	8/7	4/3	4/3	4/3
12-24"	4/3	2/1	0/0	2/1
Technicon Ditch				
0-12"	16/16	5/5	2/2	5/5
12-24"	8/8	3/3	0/0	3/3
Squibb Ditch				
0-12"	8/8	4/4	2/2	4/4
12-24"	4/4	2/2	0/0	2/2
Frontera Creek Midstream (Technicon Ditch to Route 3)				
0-12"	24/25	8/10	8/10	8/10
12-24"	12/13	4/5	0/0	4/5
Frontera Creek Downstream (Route 3 to Sea)				
0-12"	30/30	10/9	10/9	10/9
12-24"	15/13	5/4	0/0	5/4
Frontera Lagoons				
0-12"	24/23	8/7	4/4	8/7
12-24"	12/10	4/2	0/0	4/2
Mandri Canal				
0-12"	2/2	2/2	1/1	2/2
12-24"	2/2	2/2	0/0	2/2
DREDGE SPOIL STUDY				
Composite of entire thickness	6/6	6/6	0/0	-
TRANSECT STUDY				
0-12"	30/30	0/0	0/0	-
12-24"	30/30	0/0	0/0	-

* Number of samples does not include replicates.
HgT = total mercury; HgI = inorganic mercury; HSL = hazardous substance list; Other = sulfide, sulfate, TOC and grain size

TABLE 3-11

Sediment Sampling Program

Dynamac Number	Replicate (for Dynamac Sample on Line Above)	ETC Number	Analytes[1]
Frontera Creek, Upgradient			
FCSEDCL01A		BE0683	HgT
FCSEDCL02A		BE0772	HSL, Other
FCSEDCL02B		BE0682	HgT
FCSEDCL03A		BE0681	HgT
FCSEDCLA03	REPLICATE	BE0679	HgT
FCSEDCL04A		BE0771	HSL, Other
FCSEDCL04B		BE0751	Other
FCSEDCL05A		BE0678	HgT
FCSEDCL06A		BE1875	HSL, Other
FCSEDCL06B		BE1702	HgT
FCSEDCLB06	REPLICATE	BE1703	HgT
FCSEDCL07A		BE1701	HgT
Frontera Creek, Midstream			
FCSEDCL08A		BE1874	HSL, Other
FCSEDCL08B		BE0757	Other
FCSEDCL09A		BE1777	HSL, Other
FCSEDCL10A		BE1776	HSL, Other
FCSEDCL10B		BE0756	Other
FCSEDCL11A		BE1700	HgT
FCSEDCL12A		BE1698	HgT
FCSEDCL12B		BE1699	HgT
FCSEDCL13A		BE1775	HSL, Other
FCSEDCL14A		BE1696	HgT
FCSEDCL14B		BE1697	HgT
FCSEDCL15A		BE1695	HgT
FCSEDCL16A		BE1774	HSL, Other
FCSEDCL16B		BE0755	Other
FCSEDCL17A		BE0738	HgT
FCSEDCL18A		BE0737	HgT
FCSEDCL18B		BE1694	HgT
FCSEDCL19A		BE0735	HgT
FCSEDCL19B		BE0736	HgT
FCSEDCL20A		BE0734	HgT
FCSEDCL21A		BE1783	HSL, Other
FCSEDCL21B		BE0754	Other
FCSEDCL22A		BE0732	HgT
FCSEDCL22B		BE0733	HgT
FCSEDCL23A		BE0730	HgT
FCSEDCLA23	REPLICATE	BE0731	HgT
FCSEDCL24A		BE0728	HgT
FCSEDCL24B		BE0729	HgT
FCSEDCL25A		BE0727	HgT

TABLE 3-11 (continued)

Dynamac Number	Replicate (for Dynamac Sample on Line Above)	ETC Number	Analytes[1]
Frontera Creek, Midstream (continued)			
FCSEDCL26A		BE1782	HSL, Other
FCSEDCLA26	REPLICATE	BE1781	HSL, Other
FCSEDCL27A		BE0726	HgT
FCSEDCL28A		BE1780	HSL, Other
FCSEDCL28B		BE0753	Other
FCSEDCL29A		BE0724	HgT
FCSEDCL29B		BE0725	HgT
FCSEDCL30A		BE0721	HgT
FCSEDCL30B		BE0722	HgT
FCSEDCLB30	REPLICATE	BE0723	HgT
FCSEDCL31A		BE0720	HgT
FCSEDCL32A		BE1779	HSL, Other
Frontera Creek, Downstream			
FCSEDCL33A		BE1787	HSL, Other
FCSEDCL33B		BE0752	Other
FCSEDCL34A		BE1786	HSL, Other
FCSEDCL34B		BE0749	Other
FCSEDCL35A		BE0719	HgT
FCSEDCL36A		BE0717	HgT
FCSEDCLA36	REPLICATE	BE0718	HgT
FCSEDCL36B		BE0716	HgT
FCSEDCL37A		BE1785	HSL, Other
FCSEDCL38A		BE0711	HgT
FCSEDCL38B		BE0715	HgT
FCSEDCL39A		BE0712	HgT
FCSEDCL40A		BE1784	HSL, Other
FCSEDCL40B		BE0748	Other
FCSEDCL41A		BE0710	HgT
FCSEDCL42A		BE0707	HgT
FCSEDCL42B		BE0709	HgT
FCSEDCL43A		BE1772	HSL, Other
FCSEDCL43B		BE0747	Other
FCSEDCL44A		BE0708	HgT
FCSEDCL45A		BE0706	HgT
FCSEDCL46A		BE0703	HgT
FCSEDCLA46	REPLICATE	BE0704	HgT
FCSEDCL46B		BE0705	HgT
FCSEDCL47A		BE1773	HSL, Other
FCSEDCL48A		BE0701	HgT
FCSEDCL49A		BE0702	HgT
FCSEDCL50A		BE0699	HgT
FCSEDCL50B		BE0700	HgT
FCSEDCL51A		BE1771	HSL, Other
FCSEDCL52A		BE0697	HgT
FCSEDCL52B		BE0698	HgT

TABLE 3-11 (continued)

Dynamac Number	Replicate (for Dynamac Sample on Line Above)	ETC Number	Analytes[1]
Frontera Creek, Downstream (continued)			
FCSEDCL53A		BE0696	HgT
FCSEDCL54A		BE1770	HSL, Other
FCSEDCL54B		BE0745	Other
FCSEDCLB54	REPLICATE	BE0746	Other
FCSEDCL55A		BE0695	HgT
FCSEDCL56A		BE0693	HgT
FCSEDCL56B		BE0694	HgT
FCSEDCL57A		BE1769	HSL, Other
FCSEDCL58A		BE0692	HgT
FCSEDCL59A		BE0690	HgT
FCSEDCL59B		BE0691	HgT
FCSEDCL60A		BE0687	HgT
FCSEDCL60B		BE0688	HgT
FCSEDCL61A		BE0685	HgT
FCSEDCLA61	REPLICATE	BE0686	HgT
FCSEDCL62A		BE0773	HSL, Other
FCSEDCLVP		BE0689	HgT
Squibb Ditch			
SDSEDCL01A		BE1876	HSL, Other
SDSEDCL02A		BE0758	Other
SDSEDCL02B		BE0759	Other
SDSEDCL03A		BE1704	HgT
SDSEDCL04A		BE1705	HgT
SDSEDCL05A		BE1706	HgT
SDSEDCLA05	REPLICATE	BE1707	HgT
SDSEDCL05B		BE1708	HgT
SDSEDCL06A		BE1709	HgT
SDSEDCL06B		BE1710	HgT
SDSEDCL07A		BE1877	HSL, Other
SDSEDCL08A		BE1758	Other
SDSEDCLA08	REPLICATE	BE1759	Other
SDSEDCL08B		BE1760	Other
Technicon Ditch			
TDSEDCL01A		BE1879	HSL, Other
TDSEDCL02A		BE1711	HgT
TDSEDCL02B		BE1712	HgT
TDSEDCL03A		BE1713	HgT
TDSEDCL04A		BE1761	Other
TDSEDCL04B		BE1762	Other
TDSEDCL05A		BE1714	HgT
TDSEDCLA05	REPLICATE	BE1715	HgT
TDSEDCL06A		BE1716	HgT
TDSEDCL06B		BE1717	HgT

TABLE 3-11 (continued)

Dynamac Number	Replicate (for Dynamac Sample on Line Above)	ETC Number	Analytes[1]
Technicon Ditch (continued)			
TDSEDCL07A		BE1718	HgT
TDSEDCL08A		BE1763	Other
TDSEDCLA08	REPLICATE	BE1764	Other
TDSEDCL08B		BE1765	Other
TDSEDCL09A		BE1719	HgT
TDSEDCL10A		BE1720	HgT
TDSEDCL10B		BE1721	HgT
TDSEDCL11A		BE1722	HgT
TDSEDCL12A		BE1766	Other
TDSEDCL12B		BE1767	Other
TDSEDCL13A		BE1723	HgT
TDSEDCLA13	REPLICATE	BE1724	HgT
TDSEDCL14A		BE1725	HgT
TDSEDCL15A		BE1726	HgT
TDSEDCL15B		BE1727	HgT
TDSEDCL16A		BE1880	HSL, Other
TDSEDCLA16	REPLICATE	BE1881	HSL, Other
TDSEDCL16B		BE1728	HgT
Technicon Ditch Tributaries			
TDTRIB101A		BE1731	HgT
TDTRIB101B		BE1732	HgT
TDTRIB102A		BE1733	HgT
TDTRIB102B		BE1734	HgT
TDTRIB201A		BE1729	HgT
TDTRIB201B		BE1730	HgT
Sediment Transect			
SEDTRANA1A		BE3877	HgT
SEDTRANA1B		BE3878	HgT
SEDTREPA1B	REPLICATE	BE3879	HgT
SEDTRANA2A		BE3875	HgT
SEDTRANA2B		BE3876	HgT
SEDTRANA3A		BE1855	HgT
SEDTRANA3B		BE1856	HgT
SEDTRANA4A		BE1853	HgT
SEDTRANA4B		BE1854	HgT
SEDTRANA5A		BE1851	HgT
SEDTRANA5B		BE1852	HgT
SEDTRANB1A		BE1840	HgT
SEDTRANB1B		BE1841	HgT
SEDTRANB2A		BE1842	HgT
SEDTRANB2B		BE1843	HgT
SEDTRANB3A		BE1844	HgT
SEDTRANB3B		BE1845	HgT

FRO 001 0986

TABLE 3-11 (continued)

Dynamac Number	Replicate (for Dynamac Sample on Line Above)	ETC Number	Analytes[1]
Sediment Transect (continued)			
SEDTRANB4A		BE1846	HgT
SEDTREPB4A	REPLICATE	BE1847	HgT
SEDTRANB4B		BE1848	HgT
SEDTRANB5A		BE1849	HgT
SEDTRANB5B		BE1850	HgT
SEDTRANC1A		BE1838	HgT
SEDTRANC1B		BE1839	HgT
SEDTRANC2A		BE1836	HgT
SEDTRANC2B		BE1837	HgT
SEDTRANC3A		BE1834	HgT
SEDTRANC3B		BE1835	HgT
SEDTRANC4A		BE1832	HgT
SEDTRANC4B		BE1833	HgT
SEDTRANC5A		BE1830	HgT
SEDTRANC5B		BE1831	HgT
SEDTRAND1A		BE1816	HgT
SEDTRAND1B		BE1818	HgT
SEDTREPD1B	REPLICATE	BE1817	HgT
SEDTRAND2A		BE1814	HgT
SEDTRAND2B		BE1815	HgT
SEDTRAND3A		BE1812	HgT
SEDTRAND3B		BE1813	HgT
SEDTRAND4A		BE1811	HgT
SEDTRAND4B		BE1810	HgT
SEDTRAND5A		BE1808	HgT
SEDTRAND5B		BE1809	HgT
SEDTRANE1A		BE1755	HgT
SEDTRANE1B		BE1795	HgT
SEDTRANE2A		BE1796	HgT
SEDTRANE2B		BE1798	HgT
SEDTRANE3A		BE1799	HgT
SEDTRANE4A		BE1800	HgT
SEDTRANE4B		BE1804	HgT
SEDTRANE5A		BE1805	HgT
SEDTRANE5B		BE1807	HgT
SEDTRANF1A		BE1819	HgT
SEDTRANF1B		BE1820	HgT
SEDTRANF2A		BE1821	HgT
SEDTRANF2B		BE1822	HgT
SEDTRANF3A		BE1823	HgT
SEDTRANF3B		BE1824	HgT
SEDTRANF4A		BE1827	HgT
SEDTRANF4B		BE1826	HgT
SEDTREPF4B	REPLICATE	BE1825	HgT
SEDTRANF5A		BE1828	HgT
SEDTRANF5B		BE1829	HgT

TABLE 3-11 (continued)

Dynamac Number	Replicate (for Dynamac Sample on Line Above)	ETC Number	Analytes[1]
Frontera Lagoons			
FLSED01A		BE4755 **	HSL, Other
FLSED02A		BE1768 NA	Other
FLSED02B		BE1858 NA	Other
FLSED03A		BE1735	HgT
FLSED03B		BE1736	HgT
FLSED04A		BE1742	HgT
FLSED04B		BE1743	HgT
FLSED05A		BE1737	HgT
FLSEDA05	REPLICATE	BE1738	HgT
FLSED06A		BE1740	HgT
FLSED06B		BE1741	HgT
FLSED07A		BE1739	HgT
FLSED08A		BE1859 NA	Other
FLSED08B		BE1860 NA	Other
FLSED09A		BE1749	HgT
FLSED10A		BE1747	HgT
FLSED10B		BE1748	HgT
FLSED11A		BE4756 **	HSL, Other
FLSEDA11	REPLICATE	BE4757 **	HSL, Other
FLSED12A		BE1744	HgT
FLSED12B		BE1745	HgT
FLSED13A		BE1746	HgT
FLSED14A		BE1884	HSL, Other
		BE0764 *	
FLSED15A		BE1806	HgT
FLSEDA15	REPLICATE	BE1757	HgT
FLSED16A		BE1797	HgT
FLSED16B		BE1756	HgT
FLSED17A		BE0765 **	HSL, Other
FLSED18A		BE1863 **	Other
FLSED18B		BE4761 **	Other
FLSED19A		BE1750	HgT
FLSED20A		BE1801	HgT
FLSED21A		BE1751	HgT
FLSED22A		BE1752	HgT
FLSED22B		BE1753	HgT
FLSED23A		BE1754	HgT
FLSED24A		BE1868	Other
FLSED24B		BE1867	Other
FLSED25A		BE1803	HgT
FLSED25B		BE1802	HgT
Mandri Canal			
MCSED01A		BE1864	Other
MCSED01B		BE1865	Other
MCSED02A		BE1883	HSL, Other
MCSED02B		BE1866	Other

TABLE 3-11 (continued)

Dynamac Number	Replicate (for Dynamac Sample on Line Above)	ETC Number	Analytes[1]
Dredge			
DREDGE1		BE3880	HgT, HgI
DREDGE2		BE3881	HgT, HgI
DREDGE3		BE3882	HgT, HgI
DREDGE4		BE3883	HgT, HgI
DREDGE5		BE3884	HgT, HgI
DREDGE6		BE3885	HgT, HgI
Background			
BGSEDCL01A		BE0673	HgT
BGSEDCL02A		BE0766	HSL, Other
BGSEDCL02B		BE0674	HgT
BGSEDCL03A		BE0675	HgT
BGSEDCL04A		BE0767	HSL, Other
BGSEDCL04B		BE0750	Other
BGSEDCL05A		BE0676	HgT
BGSEDCLA05	REPLICATE	BE0680	HgT
BGSEDCL06A		BE0768	HSL, Other
BGSEDCLA06	REPLICATE	BE0769	HSL, Other
BGSEDCL06B		BE0684	HgT
BGSEDCL07A		BE0677	HgT
BGSEDCL08A		BE0770	HSL, Other

1 - HgT = Total Mercury; HgI = Inorganic Mercury; HSL - Hazardous Substance List; Other = Total and Inorganic Mercury, Total Organic Carbon, Sulfate and Sulfide
* - Resampled VOA
** - Resampled
NA - Not analyzed

FRO 001 0989

TABLE 3-12

Biota Sampling Program

Location/ Dynamac No.	ETC No.	Analytes	Consists of RU No.	No. of Individuals	Tissue
Crabs					
Frontera North Lagoon					
CF203	BH1323	HgT, HgI, HSL	CF203AA,AB,AC,AD,AE	5	WHOLE
CF204	BH1314	HgT, HgI, HSL	CF204CA,CB,CC,CD,CE	5	WHOLE
CF220	BH1322	HgT, HgI, HSL	CF220AA,AB,AC,AD,AE	5	WHOLE
CF202	BF1043	HgT, HgI	CF202BA,BB,BC,BD,BE	5	EDIBLE
CF206	BF1190	HgT, HgI	CF206BA,BB,BC,BD,BE	5	EDIBLE
CF207	BF1186	HgT, HgI	CF207AA,AB,AC,AD,AE	5	EDIBLE
CF250 REP	BF1172	HgT, HgI	CF207AA,AB,AC,AD,AE	5	EDIBLE
CF208	BF1166	HgT, HgI	CF208BA,BB,BC,BD,BE	5	EDIBLE
CF209	BF1141	HgT, HgI	CF209AA,AB,AC,AD,AE	5	EDIBLE
CF210	BF1182	HgT, HgI	CF210AA,AB,AC,AD,AE	5	EDIBLE
Mandri Canal					
CM207	BH1311	HgT, HgI, HSL	CM207AA,AB,AC,AD,AE	5	WHOLE
CM208	BH1327	HgT, HgI, HSL	CM208AA,AB,AC,AD,AE	5	WHOLE
CM220	BH1336	HgT, HgI, HSL	CM220BA,BB,BC,BD,BE	5	WHOLE
CM201	BF1191	HgT, HgI	CM201A,B,C,D,E	5	EDIBLE
CM203	BF1163	HgT, HgI	CM203AA,AB,AC,AD,AE	5	EDIBLE
CM250 REP	BF1193	HgT, HgI	CM203AA,AB,AC,AD,AE	5	EDIBLE
CM206	BF1194	HgT, HgI	CM206AA,AB,AC,AD,AE	5	EDIBLE
CM213	BF1171	HgT, HgI	CM213AA,AB,AC,AD,AE	5	EDIBLE
CM221	BF1169	HgT, HgI	CM221A,B,C,D,E	5	EDIBLE
CM222	BF1170	HgT, HgI	CM222BA,BB,BC,BD,BE	5	EDIBLE
Boqueron					
C001	BH1312	HgT, HgI, HSL	C001A,B,C,D,E	5	WHOLE
C008	BH1313	HgT, HgI, HSL	C008A,B,C,D,E	5	WHOLE
C026	BH1335	HgT, HgI, HSL	C026A,B,C,D,E	5	WHOLE
C003	BF1189	HgT, HgI	C003A,B,C,D,E	5	EDIBLE
C005	BF1164	HgT, HgI	C005A,B,C,D,E	5	EDIBLE
C007	BF1185	HgT, HgI	C007A,B,C,D,E	5	EDIBLE
C040	BF1165	HgT, HgI	C040A,B,C,D,E	5	EDIBLE
C041	BF1167	HgT, HgI	C041A,B,C,D,E	5	EDIBLE
C042	BF1168	HgT, HgI	C042A,B,C,D,E	5	EDIBLE
Roosevelt Roads					
C411	BH1334	HgT, HgI, HSL	C411A,B,C,D,E	5	WHOLE
C415	BH1331	HgT, HgI, HSL	C415A,B,C,D,E	5	WHOLE
C418	BH1333	HgT, HgI, HSL	C418A,B,C,D,E	5	WHOLE
C401	BF1184	HgT, HgI	C401A,B,C,D,E	5	EDIBLE
C402	BF1183	HgT, HgI	C402A,B,C,D,E	5	EDIBLE
C403	BF1192	HgT, HgI	C403A,B,C,D,E	5	EDIBLE

FRO 001 0990

TABLE 3-12 (continued)

Location/ Dynamac No.	ETC No.	Analytes	Consists of RU No.	No. of Individuals	Tissue
Crabs					
Roosevelt Roads (continued)					
C404	BF1195	HgT, HgI	C404A,B,C,D,E	5	EDIBLE
C405	BF1187	HgT, HgI	C405A,B,C,D,E	5	EDIBLE
C450 REP	BF1188	HgT, HgI	C405A,B,C,D,E	5	EDIBLE
C406	BF1173	HgT, HgI	C406A,B,C,D,E	5	EDIBLE
Shrimp					
Frontera North Lagoon					
SF201	BF1010	HgT, HgI			WHOLE
SF202	BF1007	HgT, HgI			WHOLE
SF203	BF1011	HgT, HgI			WHOLE
SF204	BF1026	HgT, HgI			WHOLE
SF205	BF1020	HgT, HgI			WHOLE
SF206	BF1008	HgT, HgI			WHOLE
Mandri Canal					
SM201	BF1025	HgT, HgI			WHOLE
SM202	BF1024	HgT, HgI			WHOLE
SM203	BF1009	HgT, HgI			WHOLE
Boqueron					
S001	BF1030	HgT, HgI			WHOLE
S002	BF1023	HgT, HgI			WHOLE
S003	BF1015	HgT, HgI			WHOLE
Roosevelt Roads					
S401	BF1016	HgT, HgI			WHOLE
S402	BF1022	HgT, HgI			WHOLE
S403	BF1029	HgT, HgI			WHOLE
Tarpon					
Frontera Lagoons					
X208	BF0989	HgT, HgI	X208/X209A,B,C,D,E	5	WHOLE
X209	BH1318	HgT, HgI, HSL	X208/X209A,B,C,D,E	5	WHOLE
X251 REP	BH1325	HgT, HgI, HSL	X208/X209A,B,C,D,E	5	WHOLE
X216	BF0994	HgT, HgI	X216/X227A,B,C,D,E	5	WHOLE
X227	BH1320	HgT, HgI, HSL	X216/X227A,B,C,D,E	5	WHOLE
X217	BF0992	HgT, HgI	X217/X220A,B,C,D,E	5	WHOLE
X250 REP	BF0993	HgT, HgI	X217/X220A,B,C,D,E	5	WHOLE
X220	BH1321	HgT, HgI, HSL	X217/X220A,B,C,D,E	5	WHOLE
X201	BF1077	HgT, HgI	X201A,B,C,D,E	5	FILLET
X202	BF1104	HgT, HgI	X202A,B,C,D,E	5	FILLET

FRO 001 0991

TABLE 3-12 (continued)

Location/ Dynamac No.	ETC No.	Analytes	Consists of RU No.	No. of Individuals	Tissue
Tarpon (continued)					
Frontera Lagoons (continued)					
X252 REP	BF1107	HgT, HgI	X202A,B,C,D,E	5	FILLET
X203	BF1038	HgT, HgI	X203A,B,C,D,E	5	FILLET
X205	BF1035	HgT, HgI	X205A,B,C,D,E	5	FILLET
X215	BF1108	HgT, HgI	X215A,B,C,D,E	5	FILLET
X224	BF1102	HgT, HgI	X224A,B,C,D,E	5	FILLET
X200	BF1135	HgT, HgI	X205D X206A X207B X208C X214E	5	LIVER
X240	BF1110	HgT, HgI	X202A,B,C,D,E X203A,B,C,D,E X215A,B,C,D,E	15	LIVER
X241	BF1139	HgT, HgI	X201A,B,C,D,E X224A,B,C,D,E	10	LIVER
Mandri Canal					
X260	BF1105	HgT, HgI	X260A&B	2	FILLET
X261	BF1096	HgT, HgI	X261A&B	2	FILLET
X262	BF1090	HgT, HgI	X262A&B	2	FILLET
X265 REP	BF1106	HgT, HgI	X262A&B	2	FILLET
X263	BF1080	HgT, HgI	X263A	1	FILLET
X264	BF1100	HgT, HgI	X260A&B X261A&B X263A	5	FILLET
X266	BF1111	HgT, HgI	X260A&B X261A&B X262A&B X263A	7	LIVER
Boqueron					
X005	BF0995	HgT, HgI	X001A&B	2	WHOLE
X014	BH1324	HgT, HgI, HSL	X001A&B	2	WHOLE
X002	BF0999	HgT, HgI	X001C&D	2	WHOLE
X003	BH1329	HgT, HgI HSL	X001C&D	2	WHOLE
X008	BF0991	HgT, HgI	X001E	1	WHOLE
X040	BH1328	HgT, HgI, HSL	X001E	1	WHOLE
X001	BF0998	HgT, HgI	X001A,B,C,D,E	5	WHOLE
X041	BH1326	HgT, HgI, HSL	X001A,B,C,D,E	5	WHOLE

FRO 001 0992

TABLE 3-12 (continued)

Location/ Dynamac No.	ETC No.	Analytes	Consists of RU No.	No. of Individuals	Tissue
Tarpon (continued)					
Boqueron (continued)					
X007	BF1099	HgT, HgI	X007A&B	2	FILLET
X004	BF1093	HgT, HgI	X004A&B	2	FILLET
X050 REP	BF1094	HgT, HgI	X004A&B	2	FILLET
X009	BF1079	HgT, HgI	X009A&B	2	FILLET
X012	BF1143	HgT, HgI	X007A&B X004B X009A&B	5	FILLET
X006	BF1081	HgT, HgI	X006A&B	2	FILLET
X042	BF1076	HgT, HgI	X042A&B	2	FILLET
X013	BF1065	HgT, HgI	X004A X006A&B X042A&B	5	FILLET
X043	BF1095	HgT, HgI	X043A	1	FILLET
X045	BF1137	HgT, HgI	X007A&B	2	LIVER
X046	BF1140	HgT, HgI	X006A&B X009A X042A&B X043A X004A&B	8	LIVER
Roosevelt Roads					
X402	BF0987	HgT, HgI	X402A,B,C,D,E	5	WHOLE
X410	BH1310	HgT, HgI, HSL	X402A,B,C,D,E	5	WHOLE
X404	BF0996	HgT, HgI	X404/X417A,B,C,D,E	5	WHOLE
X417	BH1332	HgT, HgI, HSL	X404/X417A,B,C,D,E	5	WHOLE
X418	BF0990	HgT, HgI	X418/X430A,B,C,D,E	5	WHOLE
X430	BH1315	HgT, HgI, HSL	X418/X430A,B,C,D,E	5	WHOLE
X405	BF1064	HgT, HgI	X405A,B,C,D,E	5	FILLET
X406	BF1092	HgT, HgI	X406A,B,C,D,E	5	FILLET
X407	BF1066	HgT, HgI	X407A,B,C,D,E	5	FILLET
X412	BF1098	HgT, HgI	X412A,B,C,D,E	5	FILLET
X416	BF1091	HgT, HgI	X416A,B,C,D,E	5	FILLET
X501	BF1086	HgT, HgI	X501A,B,C,D,E	5	FILLET
X550 REP	BF1103	HgT, HgI	X501A,B,C,D,E	5	FILLET
X440	BF1114	HgT, HgI	X405A,B,C,D,E X407A,B,C,D,E X412A,B,C,D,E	15	LIVER
X540 REP	BF1136	HgT, HgI	X405A,B,C,D,E X407A,B,C,D,E X412A,B,C,D,E	15	LIVER

PRO 001 0993

TABLE 3-12 (continued)

Location/ Dynamac No.	ETC No.	Analytes	Consists of RU No.	No. of Individuals	Tissue
Tarpon (continued)					
Roosevelt Roads (continued)					
X441	BF1138	HgT, HgI	X406A,B,C,D,E X416A,B,C,D,E	10	LIVER
Tilapia					
Frontera Creek					
T201	BF1083	HgT, HgI	T202 T203 T204 T205 T206 T207	6	FILLET
T202	BF1084	HgT, HgI	T202	1	FILLET
T203	BF1078	HgT, HgI	T203	1	FILLET
T204	BF1088	HgT, HgI	T204	1	FILLET
T205	BF1063	HgT, HgI	T205	1	FILLET
T206	BF1085	HgT, HgI	T206	1	FILLET
T207	BF1089	HgT, HgI	T207	1	FILLET
T210	BF1134	HgT, HgI	T202 T203 T204 T205 T206 T207	6	LIVER
North Lagoon					
TF202	BF1034	HgT, HgI	TF202A,B,C,D,E	5	WHOLE
TF204	BF1145	HgT, HgI	TF204AA,AB,BC,BD,CE	5	FILLET
TF250 REP	BF1082	HgT, HgI	TF204AA,AB,BC,BD,CE	5	FILLET
TF207	BF1147	HgT, HgI	TF207AA,AB,BC,BD,BE	5	FILLET
Southwest Lagoon					
TS204	BF1039	HgT, HgI	TS204A,B,C,D,E	5	WHOLE
TS211	BF1000	HgT, HgI	TS211A,B,C,D,E	5	WHOLE
TS202	BF1144	HgT, HgI	TS202AA,AB,BC,CD,CE	5	FILLET
TS207	BF1153	HgT, HgI	TS207AA,AB,BC,BD,BE	5	FILLET
TS208	BF1151	HgT, HgI	TS208AA,AB,BC,BD,BE	5	FILLET
TS209	BF1161	HgT, HgI	TS209AA,AB,AC,BD,BE	5	FILLET

PRO 001 0994

TABLE 3-12 (continued)

Location/ Dynamac No.	ETC No.	Analytes	Consists of RU No.	No. of Individuals	Tissue
Tilapia (continued)					
Southwest Lagoon (continued)					
TS200	BF1109	HgT, HgI	TS202AA,AB,BC,CD,CE TS207AA,AB,BC,BD,BE TS208AA,AB,BC,BD,BE TS209AA,AB,AC,BD,BE	20	LIVER
Mandri Canal					
TM202	BF1012	HgT, HgI	TM202AA,AB,BC,BD,BE	5	WHOLE
TM251 REP	BF1005	HgT, HgI	TM202AA,AB,BC,BD,BE	5	WHOLE
TM204	BF1003	HgT, HgI	TM204A,B,C,D,E	5	WHOLE
TM211	BF1014	HgT, HgI	TM211AA,AB,BC,BD,BE	5	WHOLE
TM201	BF1148	HgT, HgI	TM201AA,AB,BC,BD,BE	5	FILLET
TM203	BF1157	HgT, HgI	TM203AA,AB,BC,BD,BE	5	FILLET
TM206	BF1150	HgT, HgI	TM206AA,AB,BC,BD,BE	5	FILLET
TM250 REP	BF1097	HgT, HgI	TM206AA,AB,BC,BD,BE	5	FILLET
TM207	BF1159	HgT, HgI	TM207AA,AB,BC,BD,BE	5	FILLET
TM208	BF1154	HgT, HgI	TM208AA,AB,BC,BD,BE	5	FILLET
TM209	BF1155	HgT, HgI	TM209AA,AB,BC,BD,BE	5	FILLET
TM200	BF1115	HgT, HgI	TM201AA,AB,BC,BD,BE TM207AA,AB,BC,BD,BE TM208AA,AB,BC,BD,BE TM209AA,AB,BC,BD,BE	20	LIVER
Boqueron					
T005	BF1013	HgT, HgI	T005A,B,C,D,E	5	WHOLE
T030	BF1006	HgT, HgI	T030A,B,C,D,E	5	WHOLE
T050 REP	BF1004	HgT, HgI	T030A,B,C,D,E	5	WHOLE
T040	BF1001	HgT, HgI	T040A,B,C,D,E	5	WHOLE
T003	BF1158	HgT, HgI	T003A,B,C,D,E	5	FILLET
T006	BF1160	HgT, HgI	T006A,B,C,D,E	5	FILLET
T015	BF1146	HgT, HgI	T015AA,BB,BC,BD,BE	5	FILLET
T027	BF1149	HgT, HgI	T027AA,AB,AC,BD,BE	5	FILLET
T031	BF1156	HgT, HgI	T031AA,AB,AC,BD,BE	5	FILLET
T032	BF1162	HgT, HgI	T032AA,AB,AC,BD,BE	5	FILLET
T070	BF1113	HgT, HgI	T003A,B,C,D,E T015AA,BB,BC,BD,BE T031AA,AB,AC,BD,BE T032AA,AB,AC,BD,BE	20	LIVER

FRO 001 0995

TABLE 3-12 (continued)

Location/ Dynamac No.	ETC No.	Analytes	Consists of RU No.	No. of Individuals	Tissue
Tilapia (continued)					
Roosevelt Roads					
T407	BF1002	HgT, HgI	T407A,B,C,D,E	5	WHOLE
T413	BF0997	HgT, HgI	T413A,B,C,D,E	5	WHOLE
T450 REP	BF1031	HgT, HgI	T413A,B,C,D,E	5	WHOLE
T420	BF1044	HgT, HgI	T420A,B,C,D,E	5	WHOLE
T408	BF1152	HgT, HgI	T408A,B,C,D,E	5	FILLET
T408 REP	BF1142	HgT, HgI	T408A,B,C,D,E	5	FILLET
T411	BF1101	HgT, HgI	T411A,B,C,D,E	5	FILLET
T414	BF1087	HgT, HgI	T414A,B,C,D,E	5	FILLET
T419	BF1049	HgT, HgI	T419A,B,C,D,E	5	FILLET
T423	BF1037	HgT, HgI	T423A,B,C,D,E	5	FILLET
T503	BF1040	HgT, HgI	T503A,B,C,D,E	5	FILLET
T400	BF1112	HgT, HgI	T411A,B,C,D,E T414A,B,C T419A,B,C,D T423A,B,C,D,E	17	LIVER
Lizards					
Mandri Canal					
L201	BF1021	HgT, HgI		5	WHOLE
L202	BF1019	HgT, HgI		5	WHOLE
L203	BF1017	HgT, HgI		5	WHOLE
Boqueron					
L001	BF1027	HgT, HgI		5	WHOLE
L002	BF1028	HgT, HgI		5	WHOLE
L003	BF1018	HgT, HgI		5	WHOLE
Gallinules					
Frontera Lagoons					
M029	BF1054	HgT, HgI		1	MUSCLE
M030	BF1059	HgT, HgI		1	MUSCLE
M031	BF1051	HgT, HgI		1	MUSCLE
M032	BF1062	HgT, HgI		1	MUSCLE
M033	BF1032	HgT, HgI		1	MUSCLE
M053	BH1317	HgT, HgI, HSL	M029 M030 M031 M032 M033	5	LIVER

FRO 001 0996

TABLE 3-12 (continued)

Location/ Dynamac No.	ETC No.	Analytes	Consists of RU No.	No. of Individuals	Tissue
Gallinules (continued)					
Boqueron					
M008	BF1057	HgT, HgI		1	MUSCLE
M009	BF1055	HgT, HgI		1	MUSCLE
M010	BF1056	HgT, HgI		1	MUSCLE
M012	BF1061	HgT, HgI		1	MUSCLE
M013	BF1053	HgT, HgI		1	MUSCLE
M052	BH1330	HgT, HgI, HSL	M008 M009 M010 M012 M013	5	LIVER
Cattle Egrets					
Frontera Lagoons					
M020	BF1041	HgT, HgI		1	MUSCLE
M021	BF1045	HgT, HgI		1	MUSCLE
M022	BF1060	HgT, HgI		1	MUSCLE
M023	BF1033	HgT, HgI		1	MUSCLE
M024	BF1042	HgT, HgI		1	MUSCLE
M025	BF1050	HgT, HgI		1	MUSCLE
M051	BH1316	HgT, HgI, HSL	M020 M021 M022 M023 M024 M025	6	LIVER
Boqueron					
M011	BF1048	HgT, HgI		1	MUSCLE
M014	BF1052	HgT, HgI		1	MUSCLE
M015	BF1036	HgT, HgI		1	MUSCLE
M016	BF1047	HgT, HgI		1	MUSCLE
M017	BF1046	HgT, HgI		1	MUSCLE
M018	BF1058	HgT, HgI		1	MUSCLE
M050	BH1319	HgT, HgI, HSL	M011 M014 M015 M016 M017 M018	6	LIVER

FRO 001 0997

TABLE 3-12 (continued)

Location/ Dynamac No.	ETC No.	Analytes	Consists of RU No.	No. of Individuals	Tissue
Eggs					
Frontera Lagoons					
E201	BF0988	HgT, HgI			WHOLE

REP - Replicate of Dynamac sample on line above
HgT - Total mercury
HgI - Inorganic mercury
HSL - Hazardous substance list

FRO 001 0998

TABLE 3-13

Cow Sampling Program

Dynamac Number	Replicate (for Dynamac Sample on Line Above)	ETC Number	Analytes[1]
COW BLOOD			
On-site			
BCOWFCS01		BE4736	HgT, HgI
BCOWFCS02		BE4737	HgT, HgI
BCOWFCS03		BE4738	HgT, HgI
BCOWFCR01	REPLICATE	BE4745	HgT, HgI
Background			
BCOWBG101		BE4739	HgT, HgI
BCOWBG102		BE4740	HgT, HgI
BCOWBG103		BE4741	HgT, HgI
BCOWBG201		BE4742	HgT, HgI
BCOWBG202		BE4743	HgT, HgI
BCOWBG203		BE4744	HgT, HgI
COW HAIR			
On-site			
HCOWFCS01		BE4747	HgT, HgI
Background			
HCOWBG101		BE4748	HgT, HgI
HCOWBG201		BE4749	HgT, HgI
COW MILK			
On-site			
MCOWFCS01		BE7280	HgT, HgI
MCOWFCS02		BE7282	HgT, HgI
MCOWFCS03		BE7283	HgT, HgI
MCOWFCR01	REPLICATE	BE7290	HgT, HgI
Background			
MCOWBG101		BE7284	HgT, HgI
MCOWBG102		BE7285	HgT, HgI
MCOWBG103		BE7286	HgT, HgI
MCOWBG201		BE7287	HgT, HgI
MCOWBG202		BE7288	HgT, HgI
MCOWBG203		BE7289	HgT, HgI

1 - HgT = Total Mercury; HgI = Inorganic Mercury

FRO 001 0999

TABLE 3-14

Coconut Sampling Program

Dynamac Number	ETC Number	Analytes[1]
COCONUT WATER		
On-site		
COCOWFC01	BE7263	HgT, HgI
COCOWFC02	BE7264	HgT, HgI
COCOWFC03	BE7265	HgT, HgI
Background		
COCOWBG101	BE7266	HgT, HgI
COCOWBG102	BE7267	HgT, HgI
COCOWBG103	BE7268	HgT, HgI
COCOWBG201	BE7269	HgT, HgI
COCOWBG202	BE7270	HgT, HgI
COCOWBG203	BE7271	HgT, HgI
COCONUT PULP		
On-site		
COCOPFC01	BE7309	HgT, HgI
COCOPFC02	BE7310	HgT, HgI
COCOPFC03	BE7311	HgT, HgI
Background		
COCOPBG101	BE7306	HgT, HgI
COCOPBG102	BE7307	HgT, HgI
COCOPBG103	BE7308	HgT, HgI
COCOPBG201	BE7303	HgT, HgI
COCOPBG202	BE7304	HgT, HgI
COCOPBG203	BE7305	HgT, HgI

1 - HgT = Total Mercury; HgI = Inorganic Mercury

FRO 001 1000

TABLE 3-15

Distribution Summary of Air Sampling Program

Location Number/Name		Mercury		HSL	
		No. of Samples	No. of Replicates	No. of Samples	No. of Replicates
01	The Sea	9	0	3	0
02	DNR	1	0	2	0
03	HIP-WJK Telephone Pole	3	0	0	0
04	HIP-Nydia Cafe	9	0	0	0
05	Squibb Ditch and Fence	4	1	2	2
05	Squibb and Technicon Fence	6	0	3	0
06	Technicon Storage Shed	2	0	2	0
07	Technicon-Linde Fence	3	1	1	1
07	Technicon-Linde Fence 2	5	1	2	1
08	Linde Field	5	0	2	0
09	Alcon Field	2	0	0	0
10	Cristiana - S17	9	0	5	0
11	Cristiana - A02	10	7	5	1

FRO 001 1001

TABLE 3-16

Air Sampling Analysis Summary

Date	Location Number/Name		Mercury	HSL
7/10/89	02	DNR	*	Analyzed
7/10/89	05	Squibb Ditch and Fence	*	Analyzed
7/10/89	05	Squibb Ditch and Fence - Duplicate	*	Analyzed
7/10/89	06	Technicon Storage Shed	*	Analyzed
7/10/89	10	Cristiana - S17	*	Analyzed
7/10/89	11	Cristiana - A02	*	Analyzed
7/11/89	02	DNR	Analyzed	Analyzed
7/11/89	05	Squibb Ditch and Fence	Analyzed	Analyzed
7/11/89	05	Squibb Ditch and Fence - Duplicate	Analyzed	Analyzed
7/11/89	06	Technicon Storage Shed	Analyzed	Analyzed
7/11/89	10	Cristiana - S17	Analyzed	Analyzed
7/11/89	11	Cristiana - A02	Analyzed	Analyzed
7/21/89	01	The Sea	Analyzed	N/A
7/21/89	03	HIP-WJK Telephone Pole	Analyzed	N/A
7/21/89	04	HIP-NYDIA Cafe	Analyzed	N/A
7/21/89	05	Squibb Ditch and Fence	Analyzed	N/A
7/21/89	06	Technicon Storage Shed	Analyzed	N/A
7/21/89	11	Cristiana - A02	Analyzed	N/A
7/21/89	11	Cristiana - A02 - Duplicate	*	N/A
7/25/89	01	The Sea	Analyzed	N/A
7/25/89	03	HIP-WJK Telephone Pole	Analyzed	N/A
7/25/89	04	HIP-NYDIA Cafe	Analyzed	N/A
7/25/89	05	Squibb Ditch and Fence	Analyzed	N/A
7/25/89	07	Technicon-Linde Fence	Analyzed	N/A
7/25/89	09	Alcon Field	Analyzed	N/A
7/25/89	11	Cristiana - A02	Analyzed	N/A
7/25/89	11	Cristiana - A02 - Duplicate	Analyzed	N/A
7/26/89	01	The Sea	Analyzed	N/A
7/26/89	03	HIP-WJK Telephone Pole	Analyzed	N/A
7/26/89	04	HIP-NYDIA Cafe	Analyzed	N/A
7/26/89	05	Squibb Ditch and Fence	Analyzed	N/A
7/26/89	07	Technicon-Linde Fence	Analyzed	N/A
7/26/89	09	Alcon Field	Analyzed	N/A
7/26/89	11	Cristiana - A02	Analyzed	N/A
7/26/89	11	Cristiana - A02 - Duplicate	Analyzed	N/A
7/27/89	01	The Sea	Analyzed	Analyzed
7/27/89	04	HIP-NYDIA Cafe	Analyzed	N/A
7/27/89	05	Squibb and Technicon Fence	Analyzed	Analyzed
7/27/89	07	Technicon-Linde Fence	Analyzed	Analyzed
7/27/89	07	Technicon-Linde Fence - Duplicate	Analyzed	Analyzed
7/27/89	10	Cristiana - S17	Analyzed	Analyzed
7/27/89	11	Cristiana - A02	Analyzed	Analyzed
7/27/89	11	Cristiana - A02 - Duplicate	Analyzed	N/A

TABLE 3-16 (continued)

8/07/89	01	The Sea	Analyzed	Analyzed
8/07/89	04	HIP-Nydia Cafe	Analyzed	N/A
8/07/89	05	Squibb and Technicon Fence	Analyzed	Analyzed
8/07/89	07	Technicon-Linde Fence 2	Analyzed	Analyzed
8/07/89	08	Linde Field	Analyzed	Analyzed
8/07/89	10	Cristiana - S17	Analyzed	Analyzed
8/07/89	11	Cristiana - A02	Analyzed	Analyzed
8/07/89	11	Cristiana - A02 - Duplicate	Analyzed	Analyzed
8/08/89	01	The Sea	Analyzed	N/A
8/08/89	04	HIP-Nydia Cafe	Analyzed	N/A
8/08/89	05	Squibb and Technicon Fence	Analyzed	N/A
8/08/89	07	Technicon-Linde Fence 2	Analyzed	N/A
8/08/89	08	Linde Field	Analyzed	N/A
8/08/89	10	Cristiana - S17	Analyzed	N/A
8/08/89	11	Cristiana - A02	Analyzed	N/A
8/08/89	11	Cristiana - A02 - Duplicate	Analyzed	N/A
8/09/89	01	The Sea	Analyzed	Analyzed
8/09/89	04	HIP-Nydia Cafe	Analyzed	N/A
8/09/89	05	Squibb and Technicon Fence	Analyzed	Analyzed
8/09/89	07	Technicon-Linde Fence 2	Analyzed	Analyzed
8/09/89	07	Technicon-Linde Fence 2 - Duplicate	Analyzed	Analyzed
8/09/89	08	Linde Field	Analyzed	Analyzed
8/09/89	10	Cristiana - S17	Analyzed	Analyzed
8/09/89	11	Cristiana - A02	Analyzed	Analyzed
8/17/89	01	The Sea	Analyzed	N/A
8/17/89	04	HIP-Nydia Cafe	Analyzed	N/A
8/17/89	05	Squibb and Technicon Fence	Analyzed	N/A
8/17/89	07	Technicon-Linde Fence 2	Analyzed	N/A
8/17/89	08	Linde Field	Analyzed	N/A
8/17/89	10	Cristiana - S17	Analyzed	N/A
8/17/89	11	Cristiana - A02	Analyzed	N/A
8/17/89	11	Cristiana - A02 - Duplicate	Analyzed	N/A
8/18/89	01	The Sea	Analyzed	N/A
8/18/89	04	HIP-Nydia Cafe	Analyzed	N/A
8/18/89	05	Squibb and Technicon Fence	Analyzed	N/A
8/18/89	07	Technicon-Linde Fence 2	Analyzed	N/A
8/18/89	08	Linde Field	Analyzed	N/A
8/18/89	10	Cristiana - S17	Analyzed	N/A
8/18/89	11	Cristiana - A02	Analyzed	N/A
8/18/89	11	Cristiana - A02 - Duplicate	Analyzed	N/A

* Data analyzed but rejected due to QA

TABLE 4-1

Mercury Data for Cristiana Surface Soil Samples
(MDL = 80; values in ug/kg)

Dynamac Number	ETC Number	Date	Total Mercury Lab Qual	Total Mercury Value	Total Mercury QA Qual	Inorganic Mercury Lab Qual	Inorganic Mercury Value	Inorganic Mercury QA Qual
Ciudad Cristiana								
CCSS01E	BD0289	880122	BMDL	57	U			
CCSS05Q	BD0354	880127		90	U			
CCSS05S	BD0362	880127		96				
CCSS07E	BD0281	880122		93	U			
CCSS07H	BD2537	880202	ND	0	U			
CCSS08O	BD0334	880203		83	UJ	ND	0	U
CCSS09R	BD0390	880204		97				
CCSS13J	BD0299	880125		96	U			
CCSS17X	BD0381	880127		81	U			
CCSS19E	BD0282	880122	BMDL	58	U			
CCSS20D	BD2534	880202	BMDL	70	U			
CCSS21R	BD0384	880128	BMDL	78	U			
CCSS23N	BD0364	880125	BMDL	64	U			
CCSS23P	BD0336	880203		91	U	ND	0	U
CCSS26I	BD0387	880204		105				
CCSS29N	BD0365	880125	BMDL	53	U			
CCSS30P	BD0374	880126		235				
CCSS31I	BD0298	880125		80	U			
CCSS48D	BD2536	880202		112				
CCSS55N	BD0385	880202	BMDL	74	U			
CCSSA01	BD0413	880203		100	U	BMDL	75	U
CCSSA02	BD0269	880120		101	U			
CCSSA08	BD0417	880204		171				
CCSSB07	BD0338	880128		189				
CCSSB13	BD0272	880120	ND	0	U			
CCSSC01	BD0321	880120		130			97	
CCSSC02	BD0273	880120		91	U			
CCSSC06	BD0276	880120		107				
CCSSC07	BD0322	880120		104			114	
CCSSC08	BD0266	880120	BMDL	62	U			
CCSSC11	BD0267	880120	BMDL	61	U			
CCSSC16	BD0323	880120		81	J		95	J
CCSSD05	BD0414	880203	BMDL	66	U			
CCSSD06	BD0274	880120	BMDL	57	U			
CCSSD09	BD0315	880120	BMDL	72		BMDL	78	U
CCSSD13	BD0415	880203		123	U			
CCSSD16	BD0268	880121		133				
CCSSD18	BD0318	880121		215			163	
CCSSD20	BD0416	880203	BMDL	69	U			
CCSSD21	BD0275	880121	BMDL	63	U			
CCSSD24	BD0270	880121		89	U			
CCSSD25	BD0328	880202		101	U	ND	0	U
CCSSD29	BD0271	880121	BMDL	72	U			
CCSSD30	BD0302	880121	BMDL	54	UJ			

TABLE 4-1 (continued)

Dynamac Number	ETC Number	Date	Total Mercury Lab Qual	Total Mercury Value	Total Mercury QA Qual	Inorganic Mercury Lab Qual	Inorganic Mercury Value	Inorganic Mercury QA Qual
Ciudad Cristiana (continued)								
CCSSD39	BD0303	880121	ND	0	U			
CCSSD40	BD0329	880202	BMDL	79	UJ	ND	0	U
CCSSD42	BD0287	880121	BMDL	53	U			
CCSSD45	BD0288	880121	BMDL	62	U			
CCSSD48	BD0418	880204		148			89	U
CCSSE01	BD0313	880122	BMDL	55	U	ND	0	UJ
CCSSE02	BD0285	880122	BMDL	67	U			
CCSSE04	BD0284	880122	BMDL	63	U			
CCSSE06	BD0316	880122	BMDL	64	U	ND	0	U
CCSSE07	BD0283	880122	BMDL	64	U			
CCSSE08	BD0327	880202		94	U	ND	0	U
CCSSE09	BD0345	880202		90	U			
CCSSE19	BD0314	880122		291			113	
CCSSE20	BD0419	880204	BMDL	0	U			
CCSSE21	BD0277	880122		103				
CCSSF06	BD0386	880202		148				
CCSSF14	BD0326	880202		105		BMDL	40	U
CCSSG03	BD0278	880122		113				
CCSSG08	BD0347	880203		100	U	BMDL	60	
CCSSG12	BD0279	880122	BMDL	59	U			
CCSSG16	BD0280	880122		82	U			
CCSSG18	BD0319	880122	BMDL	53	UJ		93	J
CCSSG19	BD0290	880122		86	U			
CCSSH03	BD0292	880125	BMDL	60	U			
CCSSH05	BD0399	880125	BMDL	58	U	BMDL	73	U
CCSSH07	BD0349	880203	BMDL	57	U			
CCSSH08	BD0330	880202		90	U	BMDL	53	U
CCSSH11	BD0293	880125		183				
CCSSI04	BD0331	880202	BMDL	66	U	BMDL	51	U
CCSSI06	BD0420	880204		0	U			
CCSSI08	BD0294	880125		96				
CCSSI12	BD0350	880203	BMDL	65	U	BMDL	45	
CCSSI17	BD2532	880202		123				
CCSSI18	BD0296	880125	BMDL	76	U			
CCSSI22	BD0400	880125		130	J		163	J
CCSSI25	BD0297	880125		150				
CCSSI26	BD2544	880205	BMDL	52	UJ			U
CCSSI31	BD0401	880125		102	J		113	J
CCSSJ01	BD2542	880203	BMDL	69	U	ND	0	U
CCSSJ06	BD2543	880203		122		BMDL	64	U
CCSSJ13	BD0402	880125		90	UJ		104	J
CCSSK01	BD0317	880120	BMDL	61	U	BMDL	71	U
CCSSK02	BD0286	880122	BMDL	55				
CCSSK03	BD0320	880122		332			279	
CCSSK04	BD0291	880122		88	U			
CCSSK05	BD0295	880125	BMDL	76	U			
CCSSK06	BD2545	880205		88	UJ		93	U

TABLE 4-1 (continued)

Dynamac Number	ETC Number	Date	Total Mercury Lab Qual	Total Mercury Value	Total Mercury QA Qual	Inorganic Mercury Lab Qual	Inorganic Mercury Value	Inorganic Mercury QA Qual
Ciudad Cristiana (continued)								
CCSSK07	BD0300	880125	BMDL	75	U			
CCSSK08	BD0348	880203	BMDL	79	U			
CCSSK09	BD0371	880126	BMDL	73	U			
CCSSK10	BD2535	880202	BMDL	72	U			
CCSSK11	BD0351	880126		249				
CCSSK12	BD0358	880127	ND	0	U			
CCSSK13	BD0361	880127		123				
CCSSK14	BD0379	880127	BMDL	67	U			
CCSSN14	BD0301	880125	BMDL	66	U			
CCSSN17	BD0403	880125	BMDL	54	U	BMDL	68	UJ
CCSSN23	BD0363	880125	BMDL	75	UJ			
CCSSN29	BD0404	880202	BMDL	44	U	ND	0	U
CCSSN40	BD0366	880126		220				
CCSSN46	BD2546	880205	BMDL	59	UJ			
CCSSN55	BD0346	880202		128		BMDL	59	
CCSSO03	BD0367	880126	BMDL	64	U			
CCSSO07	BD0333	880203		86	UJ	BMDL	45	U
CCSSO08	BD0344	880129		86	U			
CCSSO11	BD0368	880126	BMDL	68	U			
CCSSO20	BD0369	880126	BMDL	75	U			
CCSSO21	BD0405	880126	BMDL	66	U		89	U
CCSSO24	BD0370	880126		86	U			
CCSSO30	BD0406	880126	BMDL	76	U	BMDL	71	UJ
CCSSP13	BD0372	880126		87	U			UJ
CCSSP15	BD0373	880126	BMDL	77	U			
CCSSP21	BD0407	880126	BMDL	74	U	BMDL	55	U
CCSSP23	BD0335	880203		83	U	ND	0	U
CCSSP26	BD0408	880126		113			83	U
CCSSP29	BD0339	880128	BMDL	77	U			
CCSSP30	BD0409	880126		139			115	
CCSSQ03	BD0352	880126		85	U			
CCSSQ04	BD0353	880126	BMDL	62	U			
CCSSQ05	BD0410	880126		101		BMDL	39	U
CCSSQ07	BD0355	880127		89	U			
CCSSQ10	BD0337	880204		92	U		81	U
CCSSQ19	BD0356	880127		286				
CCSSQ27	BD0388	880204		101				
CCSSR03	BD0340	880128		90	U	ND	0	U
CCSSR05	BD0357	880127	ND	0	U			
CCSSR09	BD0389	880204	BMDL	44	U	BMDL	44	UJ
CCSSR14	BD0359	880127	BMDL	49	U			
CCSSR16	BD0411	880127		93	U	BMDL	78	U
CCSSR21	BD0341	880128		98	U			
CCSSR22	BD0412	880127	BMDL	73	U	BMDL	69	U
CCSSS05	BD0360	880127	BMDL	50	U			
CCSSS09	BD0324	880127		98			93	U
CCSSS11	BD0342	880129		109				

FRO 001 1007

TABLE 4-1 (continued)

Dynamac Number	ETC Number	Date	Total Mercury Lab Qual	Total Mercury Value	Total Mercury QA Qual	Inorganic Mercury Lab Qual	Inorganic Mercury Value	Inorganic Mercury QA Qual
Ciudad Cristiana (continued)								
CCSSS14	BD0375	880127	ND	0	U			
CCSSS15	BD0391	880204		84	U	BMDL	63	UJ
CCSST01	BD0376	880127		103				
CCSST11	BD0377	880127		128				
CCSST13	BD0392	880204	BMDL	75	U	BMDL	48	UJ
CCSST20	BD0378	880127		87	U			
CCSST35	BD0380	880127		132				
CCSSX12	BD0343	880129		112		BMDL	73	U
CCSSX17	BD0325	880127		116			120	
CCSSX21	BD0382	880127		181				
CCSSX25	BD0383	880127		183				
Background								
CCSSK15	BD0423	880205	ND	0	UJ	ND	0	U
CCSSM01	BD0422	880205	BMDL	51	UJ			
CCSSM02	BD0396	880204	BMDL	55	U	BMDL	43	UJ
CCSSM03	BD0397	880205	BMDL	51	U	ND	0	UJ
CCSSM04	BD0394	880204	BMDL	72	U			
CCSSM05	BD0393	880204	BMDL	70	U	BMDL	70	UJ
CCSSM06	BD2539	880204	ND	0	U			
CCSSM07	BD2540	880204	ND	0	U			
CCSSM08	BD0424	880205	ND	0	UJ	ND	0	U
CCSSM09	BD2541	880204	BMDL	48	U			
CCSSM10	BD0395	880204	BMDL	64	U			
CCSSM11	BD0398	880205	BMDL	58	U	BMDL	34	UJ
CCSSM12	BD2533	880203		80	U			
CCSSM13	BD2538	880203	BMDL	71	U			
CCSSM14	BD0332	880203	BMDL	58	U	ND	0	U

Note: CCSSK denotes replicate

J - Estimated
U - Not detected, associated value below the Sample Quantitation Limit
UJ - Not detected, associated value is estimated and is below the Sample Quantitation Limit

FRO 001 1008

TABLE 4-2

Mercury Data Summary for Cristiana and Background Surface Soil Samples
(MDL = 80; values in ug/kg)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
Total Mercury - Ciudad Cristiana						
CCSS	135	128	75	0	312	91
TB Surf	12	9	9	0	836	148
Total	147	137	84	0	836	96
Total Mercury - Background						
CCSSBG(M)	14	11	1	0	80	48
TBBG Surf	5	5	0	BMDL	BMDL	53
ISBG Surf	13	13	2	BMDL	150	67
Total	32	29	3	0	150	57
Inorganic Mercury - Ciudad Cristiana						
CCSS	49	38	15	0	279	64
TB Surf	13	6	5	0	717	94
Total	62	44	20	0	717	70
Inorganic Mercury - Background						
CCSSBG(M)	6	3	0	0	BMDL	25
TBBG Surf	5	3	1	0	106	39
ISBG Surf	6	5	0	0	BMDL	55
Total	17	11	1	0	106	39

CCSS - Ciudad Cristiana Surface Soil
TB Surf - Test Boring Surface Soil
CCSSBG(M) - Ciudad Cristiana Surface Soil Background
TBBG Surf - Test Boring Background Surface Soil
ISBG Surf - Industrial Soil Background Surface Soil

* Where values are shown as BMDL (below method detection limit) or ND (not detected), averages are calculated based on estimated concentrations which are below quantitation limits.

FRO 001 1009

TABLE 4-3

HSl Data for Cristiana Surface Soil Samples
(values in ug/kg)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
VOLATILE ORGANIC COMPOUNDS						
2-Hexanone						
CCSSH07	BD0349	880203		69.20	J	4.50
Acetone						
CCSSA01	BD0413	880203		62.50	U	5.30
CCSSA08	BD0417	880204		45.30	U	5.20
CCSSB07	BD0338	880128		21.60	UJ	4.80
CCSSD05	BD0414	880203		73.10	U	5.30
CCSSD13	BD0415	880203		83.80	U	5
CCSSD20	BD0416	880203		137	J	5.30
CCSSD48	BD0418	880204		41.40	U	4.90
CCSSE09	BD0345	880202		51	UJ	4.90
CCSSE20	BD0419	880204		110		5.30
CCSSG08	BD0347	880203		64.20	U	5
CCSSH07	BD0349	880203		62.70	UJ	4.50
CCSSI06	BD0420	880204		43.80	R	5.40
CCSSI12	BD0350	880203		77.20	U	5.20
CCSSI26	BD2544	880205		97	J	5.30
CCSSK06	BD2545	880205		108	J	5.20
CCSSK08	BD0348	880203		63.30	U	5.20
CCSSN46	BD2546	880205		38.20	UJ	6
CCSSN55	BD0346	880202		61.70	UJ	4.90
CCSSO08	BD0344	880129		21.10	U	4.80
CCSSP29	BD0339	880128		13.90	UJ	5.30
CCSSR03	BD0340	880128		12.60	UJ	4.80
CCSSR21	BD0341	880128		11.80	UJ	4.90
CCSSS11	BD0342	880129		17.40	UJ	4.70
CCSSX12	BD0343	880129		14.90	U	4.80
Methylene chloride						
CCSSA01	BD0413	880203		5.78	U	5.30
CCSSA08	BD0417	880204		27.70	U	5.20
CCSSD05	BD0414	880203		7.98	U	5.30
CCSSD13	BD0415	880203		7.47	U	5
CCSSD20	BD0416	880203	BMDL	3	U	5.30
CCSSD48	BD0418	880204		18.20	U	4.90
CCSSE09	BD0345	880202		7.59	U	4.90
CCSSG08	BD0347	880203		7.32	U	5
CCSSH07	BD0349	880203		9.08	U	4.50
CCSSI06	BD0420	880204		28.60	U	5.40
CCSSI12	BD0350	880203	BMDL	3	U	5.20
CCSSI26	BD2544	880205		25.40	U	5.30
CCSSK08	BD0348	880203		7.89	U	5.20
CCSSN46	BD2546	880205		34.30	UJ	6

FRO 001 1010

TABLE 4-3 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
VOLATILE ORGANIC COMPOUNDS (continued)						
Methylene chloride (continued)						
CCSSN55	BD0346	880202		9.61	U	4.90
CCSSO08	BD0344	880129		33.10		4.80
CCSSP29	BD0339	880128		27	U	5.30
CCSSR21	BD0341	880128		24.40	U	4.90
CCSSS11	BD0342	880129		20	U	4.70
CCSSX12	BD0343	880129		22.70	U	4.80
Methyl-iso-butyl ketone						
CCSSG08	BD0347	880203		42.90		5
CCSSH07	BD0349	880203		307		4.50
BASE/NEUTRAL EXTRACTABLES						
bis(2-Ethylhexyl)phthalate						
CCSSA08	BD0417	880204	BMDL	91.20	UJ	860
CCSSD13	BD0415	880203	BMDL	189	J	790
CCSSD48	BD0418	880204	BMDL	122	UJ	820
CCSSI06	BD0420	880204		6,710		900
CCSSI12	BD0350	880203	BMDL	138	J	880
CCSSI26	BD2544	880205	BMDL	147	U	880
CCSSN55	BD0346	880202		1,350		810
CCSSO08	BD0344	880129	BMDL	348	UJ	800
CCSSP29	BD0339	880128	BMDL	148	U	880
Di-n-butyl phthalate						
CCSSA08	BD0417	880204	BMDL	99.90	UJ	860
CCSSD48	BD0418	880204	BMDL	222	UJ	820
CCSSE20	BD0419	880204	BMDL	201	UJ	880
CCSSI26	BD2544	880205	BMDL	267	U	880
CCSSK06	BD2545	880205	BMDL	104	U	860
CCSSN46	BD2546	880205	BMDL	179	U	990
CCSSO08	BD0344	880129	BMDL	148	UJ	800
CCSSP29	BD0339	880128	BMDL	208	U	880
CCSSS11	BD0342	880129	BMDL	99.20	U	780
CCSSX12	BD0343	880129	BMDL	238	UJ	800
Di-n-octyl phthalate						
CCSSO08	BD0344	880129	BMDL	311	UJ	800
CCSSP29	BD0339	880128	BMDL	284	U	880
CCSSR21	BD0341	880128	BMDL	456		820
Phenanthrene						
CCSSK08	BD0348	880203	BMDL	120	UJ	870

FRO 001 1011

TABLE 4-3 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
ACID EXTRACTABLES						
Benzoic acid						
CCSSO08	BD0344	880129	BMDL	152	UJ	1,600
RCRA METALS						
Arsenic						
CCSSA01	BD0413	880203		2,200		2,000
CCSSA08	BD0417	880204		4,100		4,000
CCSSB07	BD0338	880128		3,500	R	2,000
CCSSD05	BD0414	880203	BMDL	950		2,000
CCSSD13	BD0415	880203		2,700	R	2,000
CCSSD20	BD0416	880203	BMDL	1,200		2,000
CCSSD48	BD0418	880204	BMDL	1,000		4,000
CCSSE09	BD0345	880202		2,300	R	2,000
CCSSE20	BD0419	880204	BMDL	1,000		4,000
CCSSG08	BD0347	880203		2,700	R	2,000
CCSSH07	BD0349	880203	BMDL	630		2,000
CCSSI06	BD0420	880204	BMDL	1,500		2,000
CCSSI12	BD0350	880203		2,000		2,000
CCSSI26	BD2544	880205		2,300	J	2,000
CCSSK06	BD2545	880205		2,400	J	2,000
CCSSK08	BD0348	880203		3,900		4,000
CCSSN46	BD2546	880205		2,000	J	2,000
CCSSN55	BD0346	880202		2,500		2,000
CCSSO08	BD0344	880129		2,400	J	2,000
CCSSP29	BD0339	880128	BMDL	2,500		4,000
CCSSR03	BD0340	880128		2,500	R	2,000
CCSSR21	BD0341	880128	BMDL	950	R	2,000
CCSSS11	BD0342	880129		2,000		2,000
CCSSX12	BD0343	880129	BMDL	2,200		4,000
Barium						
CCSSA01	BD0413	880203		142,000	J	470
CCSSA08	BD0417	880204		189,000		470
CCSSB07	BD0338	880128		144,000	J	470
CCSSD05	BD0414	880203		148,000	J	470
CCSSD13	BD0415	880203		377,000	J	470
CCSSD20	BD0416	880203		125,000	J	470
CCSSD48	BD0418	880204		128,000	J	470
CCSSE09	BD0345	880202		138,000	J	470
CCSSE20	BD0419	880204		141,000	J	470
CCSSG08	BD0347	880203		148,000	J	470
CCSSH07	BD0349	880203		242,000	J	470
CCSSI06	BD0420	880204		47,700	J	470
CCSSI12	BD0350	880203		108,000	J	470
CCSSI26	BD2544	880205		134,000	J	340
CCSSK06	BD2545	880205		127,000	J	340

FRO 001 1012

TABLE 4-3 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
RCRA METALS (continued)						
Barium (continued)						
CCSSK08	BD0348	880203		129,000	J	470
CCSSN46	BD2546	880205		131,000	J	340
CCSSN55	BD0346	880202		162,000	J	470
CCSSO08	BD0344	880129		106,000	J	470
CCSSP29	BD0339	880128		174,000	J	470
CCSSR03	BD0340	880128		405,000	J	470
CCSSR21	BD0341	880128		126,000	J	470
CCSSS11	BD0342	880129		163,000	J	470
CCSSX12	BD0343	880129		150,000	J	470
Cadmium						
CCSSA01	BD0413	880203	BMDL	130	U	630
CCSSA08	BD0417	880204	ND	58	U	630
CCSSB07	BD0338	880128	ND	74	U	630
CCSSD05	BD0414	880203	ND	100	U	630
CCSSD13	BD0415	880203	BMDL	190	U	630
CCSSE09	BD0345	880202	ND	100	U	630
CCSSE20	BD0419	880204	ND	25	U	630
CCSSG08	BD0347	880203	ND	63	U	630
CCSSH07	BD0349	880203	ND	3.80	U	630
CCSSI06	BD0420	880204	BMDL	280	U	630
CCSSI12	BD0350	880203	BMDL	140	U	630
CCSSK08	BD0348	880203	BMDL	190	U	630
CCSSN46	BD2546	880205	ND	93	U	720
CCSSR21	BD0341	880128	ND	66	U	630
CCSSS11	BD0342	880129	BMDL	170	U	630
CCSSX12	BD0343	880129	ND	98	U	630
Chromium						
CCSSA01	BD0413	880203		5,600		3,800
CCSSA08	BD0417	880204		8,600		3,800
CCSSB07	BD0338	880128		7,400		3,800
CCSSD05	BD0414	880203		4,500		3,800
CCSSD13	BD0415	880203		8,200		3,800
CCSSD20	BD0416	880203		5,500		3,800
CCSSD48	BD0418	880204		5,500		3,800
CCSSE09	BD0345	880202		4,800		3,800
CCSSE20	BD0419	880204		6,600		3,800
CCSSG08	BD0347	880203		5,600		3,800
CCSSH07	BD0349	880203	BMDL	2,100		3,800
CCSSI06	BD0420	880204		55,000		3,800
CCSSI12	BD0350	880203		4,800		3,800
CCSSI26	BD2544	880205		9,100	J	2,800
CCSSK06	BD2545	880205		6,000	J	2,800
CCSSK08	BD0348	880203		6,300		3,800
CCSSN46	BD2546	880205		4,400	J	2,800
CCSSN55	BD0346	880202		4,400		3,800

FRO 001 1013

TABLE 4-3 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
RCRA METALS (continued)						
Chromium (continued)						
CCSSO08	BD0344	880129		5,400		3,800
CCSSP29	BD0339	880128		6,600		3,800
CCSSR03	BD0340	880128		7,900		3,800
CCSSR21	BD0341	880128		6,700		3,800
CCSSS11	BD0342	880129		6,600		3,800
CCSSX12	BD0343	880129		7,100		3,800
Copper						
CCSSA01	BD0413	880203		19,000	J	1,600
CCSSA08	BD0417	880204		40,000	J	1,600
CCSSB07	BD0338	880128		27,000	J	1,600
CCSSD05	BD0414	880203		11,000	J	1,600
CCSSD13	BD0415	880203		24,000	J	1,600
CCSSD20	BD0416	880203		20,000	J	1,600
CCSSD48	BD0418	880204		16,000	J	1,600
CCSSE09	BD0345	880202		16,000	J	1,600
CCSSE20	BD0419	880204		20,000	J	1,600
CCSSG08	BD0347	880203		19,000	J	1,600
CCSSH07	BD0349	880203		12,000	J	1,600
CCSSI06	BD0420	880204		1,180,000	J	1,400
CCSSI12	BD0350	880203		16,000	J	1,600
CCSSI26	BD2544	880205		37,000	J	1,900
CCSSK06	BD2545	880205		29,000	J	1,900
CCSSK08	BD0348	880203		17,000	J	1,600
CCSSN46	BD2546	880205		18,000	J	1,900
CCSSN55	BD0346	880202		20,000	J	1,600
CCSSO08	BD0344	880129		24,000	J	1,600
CCSSP29	BD0339	880128		21,000	J	1,600
CCSSR03	BD0340	880128		23,000	J	1,600
CCSSR21	BD0341	880128		22,000	J	1,600
CCSSS11	BD0342	880129		22,000	J	1,600
CCSSX12	BD0343	880129		23,000	J	1,600
Lead						
CCSSA01	BD0413	880203		4,000	R	2,500
CCSSA08	BD0417	880204		11,000	R	1,000
CCSSB07	BD0338	880128		9,900	J	2,500
CCSSD05	BD0414	880203		5,300	R	2,500
CCSSD13	BD0415	880203		8,300	R	2,500
CCSSD20	BD0416	880203		3,300	R	2,500
CCSSD48	BD0418	880204		8,600	R	1,000
CCSSE09	BD0345	880202		4,900	R	2,500
CCSSE20	BD0419	880204		5,100	R	1,000
CCSSG08	BD0347	880203		4,700	R	2,500
CCSSH07	BD0349	880203		6,200	R	2,500
CCSSI06	BD0420	880204		4,000	R	1,000
CCSSI12	BD0350	880203		8,000	J	2,500

FRO 001 1014

TABLE 4-3 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
RCRA METALS (continued)						
Lead (continued)						
CCSSI26	BD2544	880205		5,000		2,000
CCSSK06	BD2545	880205		5,900		2,000
CCSSK08	BD0348	880203		5,200	R	1,000
CCSSN46	BD2546	880205		6,400	J	2,000
CCSSN55	BD0346	880202		11,000	J	1,000
CCSSO08	BD0344	880129		37,000	J	1,000
CCSSP29	BD0339	880128		4,500	R	2,500
CCSSR03	BD0340	880128		7,100	R	2,500
CCSSR21	BD0341	880128		6,300	J	2,500
CCSSS11	BD0342	880129		11,000	J	5,000
CCSSX12	BD0343	880129		5,800		2,500
Selenium						
CCSSA01	BD0413	880203	BMDL	329		1,000
CCSSB07	BD0338	880128	BMDL	300		1,000
CCSSD13	BD0415	880203	ND	120	U	1,000
CCSSE09	BD0345	880202	BMDL	310		1,000
CCSSG08	BD0347	880203	BMDL	310		1,000
CCSSI12	BD0350	880203	ND	130	U	1,000
CCSSI26	BD2544	880205	BMDL	230		1,000
CCSSK06	BD2545	880205	BMDL	300		1,000
CCSSK08	BD0348	880203	BMDL	299		1,000
CCSSN46	BD2546	880205	BMDL	230		1,000
CCSSN55	BD0346	880202	BMDL	268		1,000
CCSSO08	BD0344	880129	BMDL	380		1,000
CCSSP29	BD0339	880128	BMDL	310		1,000
CCSSR03	BD0340	880128	BMDL	420		1,000
CCSSR21	BD0341	880128	BMDL	210		1,000
CCSSS11	BD0342	880129	BMDL	290		1,000
CCSSX12	BD0343	880129	BMDL	300		1,000
Silver						
CCSSD13	BD0415	880203	ND	130	U	1,800
CCSSD48	BD0418	880204	ND	130	U	1,800
CCSSE09	BD0345	880202	ND	130	U	1,800
CCSSE20	BD0419	880204	ND	290	U	1,800
CCSSH07	BD0349	880203	ND	330	U	1,800
CCSSI06	BD0420	880204	ND	140	U	1,800
CCSSK08	BD0348	880203	ND	210	U	1,800
CCSSN46	BD2546	880205	ND	170	U	1,900
CCSSP29	BD0339	880128	ND	210	U	1,800
CCSSS11	BD0342	880129	ND	340	U	1,800

TABLE 4-3 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
RCRA METALS (continued)						
Zinc						
CCSSA01	BD0413	880203		40,000	J	2,000
CCSSA08	BD0417	880204		67,000	J	2,000
CCSSB07	BD0338	880128		48,000	J	2,000
CCSSD05	BD0414	880203		40,000	J	2,000
CCSSD13	BD0415	880203		50,000	J	2,000
CCSSD20	BD0416	880203		34,000	J	2,000
CCSSD48	BD0418	880204		36,000	J	2,000
CCSSE09	BD0345	880202		33,000	J	2,000
CCSSE20	BD0419	880204		35,000	J	2,000
CCSSG08	BD0347	880203		37,000	J	2,000
CCSSH07	BD0349	880203		38,000	J	2,000
CCSSI06	BD0420	880204		144,000	J	2,000
CCSSI12	BD0350	880203		51,000	J	2,000
CCSSI26	BD2544	880205		43,000	J	2,000
CCSSK06	BD2545	880205		44,000	J	2,000
CCSSK08	BD0348	880203		35,000	J	2,000
CCSSN46	BD2546	880205		37,000	J	2,000
CCSSN55	BD0346	880202		37,000	J	2,000
CCSSO08	BD0344	880129		46,000	J	2,000
CCSSP29	BD0339	880128		36,000	J	2,000
CCSSR03	BD0340	880128		53,000	J	2,000
CCSSR21	BD0341	880128		47,000	J	2,000
CCSSS11	BD0342	880129		43,000	J	2,000
CCSSX12	BD0343	880129		38,000	J	2,000
OTHER/MISCELLANEOUS						
Aluminum						
CCSSA01	BD0413	880203		15,200,000	J	17,000
CCSSA08	BD0417	880204		24,400,000	J	13,000
CCSSB07	BD0338	880128		18,800,000	J	17,000
CCSSD05	BD0414	880203		9,650,000	J	13,000
CCSSD13	BD0415	880203		13,100,000	J	13,000
CCSSD20	BD0416	880203		12,800,000	J	13,000
CCSSD48	BD0418	880204		8,810,000	J	13,000
CCSSE09	BD0345	880202		9,490,000	J	17,000
CCSSE20	BD0419	880204		13,300,000	J	13,000
CCSSG08	BD0347	880203		11,600,000	J	13,000
CCSSH07	BD0349	880203		5,680,000	J	16,000
CCSSI06	BD0420	880204		19,300,000	J	13,000
CCSSI12	BD0350	880203		12,200,000	J	17,000
CCSSI26	BD2544	880205		16,000,000	J	19,000
CCSSK06	BD2545	880205		13,700,000	J	19,000
CCSSK08	BD0348	880203		13,600,000	J	13,000
CCSSN46	BD2546	880205		11,500,000	J	19,000
CCSSN55	BD0346	880202		10,700,000	J	17,000
CCSSO08	BD0344	880129		7,610,000	J	17,000

TABLE 4-3 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER MISCELLANEOUS (continued)						
Aluminum (continued)						
CCSSP29	BD0339	880128		12,400,000	J	17,000
CCSSR03	BD0340	880128		20,100,000	J	17,000
CCSSR21	BD0341	880128		20,200,000	J	17,000
CCSSS11	BD0342	880129		18,000,000	J	17,000
CCSSX12	BD0343	880129		16,600,000	J	17,000
Antimony						
CCSSB07	BD0338	880128	ND	140	U	2,000
CCSSE09	BD0345	880202	ND	150	U	2,000
CCSSG08	BD0347	880203	ND	150	U	2,000
CCSSI12	BD0350	880203	ND	150	U	2,000
CCSSO08	BD0344	880129	ND	140	U	2,000
CCSSP29	BD0339	880128	ND	300	U	2,000
CCSSR03	BD0340	880128	ND	160	U	2,000
CCSSR21	BD0341	880128	ND	140	U	2,000
CCSSS11	BD0342	880129	ND	140	U	2,000
Beryllium						
CCSSA01	BD0413	880203		170		97
CCSSA08	BD0417	880204		230		97
CCSSB07	BD0338	880128		210		97
CCSSD05	BD0414	880203		100		97
CCSSD13	BD0415	880203		230		97
CCSSD20	BD0416	880203		190		97
CCSSD48	BD0418	880204		150		97
CCSSE09	BD0345	880202		160		97
CCSSE20	BD0419	880204		210		97
CCSSG08	BD0347	880203		240		97
CCSSH07	BD0349	880203		180		97
CCSSI06	BD0420	880204		270		97
CCSSI12	BD0350	880203		140		97
CCSSI26	BD2544	880205		200	J	67
CCSSK06	BD2545	880205		220	J	67
CCSSK08	BD0348	880203		180		97
CCSSN46	BD2546	880205		210	J	67
CCSSN55	BD0346	880202		180		97
CCSSO08	BD0344	880129		110		97
CCSSP29	BD0339	880128		220		97
CCSSR03	BD0340	880128		210		97
CCSSR21	BD0341	880128		180		97
CCSSS11	BD0342	880129		260		97
CCSSX12	BD0343	880129		230		97

FRO 001 1017

TABLE 4-3 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS (continued)						
Calcium						
CCSSA01	BD0413	880203		2,780,000	J	15,000
CCSSA08	BD0417	880204		4,470,000	J	15,000
CCSSB07	BD0338	880128		3,290,000	J	15,000
CCSSD05	BD0414	880203		2,340,000	J	15,000
CCSSD13	BD0415	880203		3,520,000	J	15,000
CCSSD20	BD0416	880203		2,340,000	J	15,000
CCSSD48	BD0418	880204		2,290,000	J	15,000
CCSSE09	BD0345	880202		2,450,000	J	15,000
CCSSE20	BD0419	880204		2,040,000	J	15,000
CCSSG08	BD0347	880203		2,860,000	J	15,000
CCSSH07	BD0349	880203		1,400,000	J	15,000
CCSSI06	BD0420	880204		4,100,000	J	15,000
CCSSI12	BD0350	880203		2,460,000	J	15,000
CCSSI26	BD2544	880205		2,530,000	J	13,000
CCSSK06	BD2545	880205		2,380,000	J	13,000
CCSSK08	BD0348	880203		2,960,000	J	15,000
CCSSN46	BD2546	880205		2,260,000	J	13,000
CCSSN55	BD0346	880202		2,620,000	J	15,000
CCSSO08	BD0344	880129		3,160,000	J	15,000
CCSSP29	BD0339	880128		3,260,000	J	15,000
CCSSR03	BD0340	880128		4,310,000	J	15,000
CCSSR21	BD0341	880128		3,790,000	J	15,000
CCSSS11	BD0342	880129		3,060,000	J	15,000
CCSSX12	BD0343	880129		2,720,000	J	15,000
Cobalt						
CCSSA01	BD0413	880203		9,900		5,500
CCSSA08	BD0417	880204		11,000		5,500
CCSSB07	BD0338	880128		9,000		5,500
CCSSD05	BD0414	880203		5,800		5,500
CCSSD13	BD0415	880203		13,000		5,500
CCSSD20	BD0416	880203		9,700		5,500
CCSSD48	BD0418	880204		8,000		5,500
CCSSE09	BD0345	880202		6,600		5,500
CCSSE20	BD0419	880204		8,100		5,500
CCSSG08	BD0347	880203		8,500		5,500
CCSSH07	BD0349	880203	BMDL	4,600		5,500
CCSSI06	BD0420	880204		41,000		5,500
CCSSI12	BD0350	880203		8,300		5,500
CCSSI26	BD2544	880205		6,700	J	5,100
CCSSK06	BD2545	880205		7,400	J	5,100
CCSSK08	BD0348	880203		7,200		5,500
CCSSN46	BD2546	880205		6,500	J	5,100
CCSSN55	BD0346	880202		9,100		5,500
CCSSO08	BD0344	880129		5,600		5,500
CCSSP29	BD0339	880128		7,100		5,500
CCSSR03	BD0340	880128		10,000		5,500

TABLE 4-3 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS (continued)						
Cobalt (continued)						
CCSSR21	BD0341	880128		8,100		5,500
CCSSS11	BD0342	880129		8,700		5,500
CCSSX12	BD0343	880129		9,000		5,500
Cyanide, Total (values in mg/kg)						
CCSSA01	BD0413	880203		< 0.50	NA	0.50
CCSSA08	BD0417	880204		< 0.50	NA	0.50
CCSSB07	BD0338	880128		< 0.50	NA	0.50
CCSSD05	BD0414	880203		< 0.50	NA	0.50
CCSSD20	BD0416	880203		< 0.50	NA	0.50
CCSSD48	BD0418	880204		< 0.50	NA	0.50
CCSSE09	BD0345	880202		< 0.50	NA	0.50
CCSSE20	BD0419	880204		< 0.50	NA	0.50
CCSSG08	BD0347	880203		< 0.50	NA	0.50
CCSSH07	BD0349	880203		< 0.50	NA	0.50
CCSSI06	BD0420	880204		< 0.50	NA	0.50
CCSSI12	BD0350	880203		< 0.50	NA	0.50
CCSSI26	BD2544	880205		< 0.50	NA	0.50
CCSSK06	BD2545	880205		< 0.50	NA	0.50
CCSSK08	BD0348	880203		< 0.50	NA	0.50
CCSSN46	BD2546	880205		< 0.50	NA	0.50
CCSSN55	BD0346	880202		< 0.50	NA	0.50
CCSSO08	BD0344	880129		< 0.50	NA	0.50
CCSSP29	BD0339	880128		< 0.50	NA	0.50
CCSSR03	BD0340	880128		< 0.50	NA	0.50
CCSSR21	BD0341	880128		< 0.50	NA	0.50
CCSSS11	BD0342	880129		< 0.50	NA	0.50
CCSSX12	BD0343	880129		< 0.50	NA	0.50
Iron						
CCSSA01	BD0413	880203		20,700,000	J	23,000
CCSSA08	BD0417	880204		30,600,000	J	34,000
CCSSB07	BD0338	880128		22,900,000	J	23,000
CCSSD05	BD0414	880203		14,700,000	J	34,000
CCSSD13	BD0415	880203		28,300,000	J	34,000
CCSSD20	BD0416	880203		25,200,000	J	34,000
CCSSD48	BD0418	880204		21,500,000	J	34,000
CCSSE09	BD0345	880202		16,900,000	J	23,000
CCSSE20	BD0419	880204		23,900,000	J	34,000
CCSSG08	BD0347	880203		34,000,000	J	34,000
CCSSH07	BD0349	880203		9,630,000	J	34,000
CCSSI06	BD0420	880204		48,300,000	J	34,000
CCSSI12	BD0350	880203		19,700,000	J	23,000
CCSSI26	BD2544	880205		23,400,000	J	37,000
CCSSK06	BD2545	880205		22,000,000	J	37,000
CCSSK08	BD0348	880203		20,200,000	J	34,000

TABLE 4-3 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS (continued)						
Iron (continued)						
CCSSN46	BD2546	880205		17,400,000	J	37,000
CCSSN55	BD0346	880202		21,000,000	J	34,000
CCSSO08	BD0344	880129		16,800,000	J	23,000
CCSSP29	BD0339	880128		21,800,000	J	23,000
CCSSR03	BD0340	880128		28,500,000	J	23,000
CCSSR21	BD0341	880128		24,700,000	J	23,000
CCSSS11	BD0342	880129		28,700,000	J	23,000
CCSSX12	BD0343	880129		26,500,000	J	23,000
Magnesium						
CCSSA01	BD0413	880203		2,920,000	J	6,000
CCSSA08	BD0417	880204		4,330,000	J	6,000
CCSSB07	BD0338	880128		2,630,000	J	6,000
CCSSD05	BD0414	880203		2,250,000	J	6,000
CCSSD13	BD0415	880203		2,070,000	J	6,000
CCSSD20	BD0416	880203		2,310,000	J	6,000
CCSSD48	BD0418	880204		1,540,000	J	6,000
CCSSE09	BD0345	880202		1,720,000	J	6,000
CCSSE20	BD0419	880204		1,620,000	J	6,000
CCSSG08	BD0347	880203		1,580,000	J	6,000
CCSSH07	BD0349	880203		2,250,000	J	6,000
CCSSI06	BD0420	880204		6,430,000	J	6,000
CCSSI12	BD0350	880203		5,680,000	J	6,000
CCSSI26	BD2544	880205		2,290,000	J	5,000
CCSSK06	BD2545	880205		2,400,000	J	5,000
CCSSK08	BD0348	880203		1,600,000	J	6,000
CCSSN46	BD2546	880205		2,380,000	J	5,000
CCSSN55	BD0346	880202		1,880,000	J	6,000
CCSSO08	BD0344	880129		1,850,000	J	6,000
CCSSP29	BD0339	880128		2,080,000	J	6,000
CCSSR03	BD0340	880128		4,840,000	J	6,000
CCSSR21	BD0341	880128		3,380,000	J	6,000
CCSSS11	BD0342	880129		2,120,000	J	6,000
CCSSX12	BD0343	880129		1,860,000	J	6,000
Manganese						
CCSSA01	BD0413	880203		670,000	J	770
CCSSA08	BD0417	880204		737,000	J	770
CCSSB07	BD0338	880128		480,000	J	770
CCSSD05	BD0414	880203		452,000	J	770
CCSSD13	BD0415	880203		1,980,000	J	560
CCSSD20	BD0416	880203		768,000	J	770
CCSSD48	BD0418	880204		667,000	J	770
CCSSE09	BD0345	880202		520,000	J	770
CCSSE20	BD0419	880204		510,000	J	770
CCSSG08	BD0347	880203		717,000	J	770
CCSSH07	BD0349	880203		542,000	J	770

FRO 001 1020

TABLE 4-3 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS (continued)						
Manganese (continued)						
CCSSI06	BD0420	880204		755,000	J	770
CCSSI12	BD0350	880203		621,000	J	770
CCSSI26	BD2544	880205		600,000	J	780
CCSSK06	BD2545	880205		561,000	J	780
CCSSK08	BD0348	880203		545,000	J	770
CCSSN46	BD2546	880205		498,000	J	780
CCSSN55	BD0346	880202		840,000	J	560
CCSSO08	BD0344	880129		434,000	J	770
CCSSP29	BD0339	880128		587,000	J	770
CCSSR03	BD0340	880128		668,000	J	770
CCSSR21	BD0341	880128		519,000	J	770
CCSSS11	BD0342	880129		684,000	J	770
CCSSX12	BD0343	880129		572,000	J	770
Nickel						
CCSSA01	BD0413	880203		1,600		1,300
CCSSA08	BD0417	880204		3,000		1,300
CCSSB07	BD0338	880128		4,700		1,300
CCSSD05	BD0414	880203		1,400		1,300
CCSSD13	BD0415	880203		2,300		1,300
CCSSD20	BD0416	880203		1,500		1,300
CCSSD48	BD0418	880204		1,300		1,300
CCSSE09	BD0345	880202		1,400		1,300
CCSSE20	BD0419	880204		2,300		1,300
CCSSG08	BD0347	880203		1,500		1,300
CCSSH07	BD0349	880203		1,300		1,300
CCSSI06	BD0420	880204		19,000		1,300
CCSSI12	BD0350	880203		2,100		1,300
CCSSI26	BD2544	880205		2,000	J	1,700
CCSSK06	BD2545	880205	BMDL	1,600		1,700
CCSSK08	BD0348	880203		1,500		1,300
CCSSN46	BD2546	880205	BMDL	1,100		1,700
CCSSN55	BD0346	880202	BMDL	1,100		1,300
CCSSO08	BD0344	880129		1,600		1,300
CCSSP29	BD0339	880128		1,600		1,300
CCSSR03	BD0340	880128		2,800		1,300
CCSSR21	BD0341	880128		2,300		1,300
CCSSS11	BD0342	880129		2,200		1,300
CCSSX12	BD0343	880129		1,900		1,300
Potassium						
CCSSA01	BD0413	880203		280,000		20,000
CCSSA08	BD0417	880204		460,000		20,000
CCSSB07	BD0338	880128		370,000		20,000
CCSSD05	BD0414	880203		630,000		20,000
CCSSD13	BD0415	880203		410,000		20,000
CCSSD20	BD0416	880203		310,000		20,000

FRO 001 1021

TABLE 4-3 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS (continued)						
Potassium (continued)						
CCSSD48	BD0418	880204		300,000		20,000
CCSSE09	BD0345	880202		310,000		20,000
CCSSE20	BD0419	880204		290,000		20,000
CCSSG08	BD0347	880203		390,000		20,000
CCSSH07	BD0349	880203		830,000		20,000
CCSSI06	BD0420	880204		390,000		20,000
CCSSI12	BD0350	880203		210,000		20,000
CCSSI26	BD2544	880205		350,000	J	20,000
CCSSK06	BD2545	880205		290,000	J	20,000
CCSSK08	BD0348	880203		400,000		20,000
CCSSN46	BD2546	880205		280,000	J	20,000
CCSSN55	BD0346	880202		290,000		20,000
CCSSO08	BD0344	880129		210,000		20,000
CCSSP29	BD0339	880128		270,000		20,000
CCSSR03	BD0340	880128		330,000		20,000
CCSSR21	BD0341	880128		350,000		20,000
CCSSS11	BD0342	880129		370,000		20,000
CCSSX12	BD0343	880129		400,000		20,000
Sodium						
CCSSA01	BD0413	880203		190,000	J	13,000
CCSSA08	BD0417	880204		200,000	J	13,000
CCSSB07	BD0338	880128		250,000	J	13,000
CCSSD05	BD0414	880203		250,000	J	13,000
CCSSD13	BD0415	880203		200,000	J	13,000
CCSSD20	BD0416	880203		200,000	J	13,000
CCSSD48	BD0418	880204		96,000	J	13,000
CCSSE09	BD0345	880202		190,000	J	13,000
CCSSE20	BD0419	880204		150,000	J	13,000
CCSSG08	BD0347	880203		200,000	J	13,000
CCSSH07	BD0349	880203		120,000	J	13,000
CCSSI06	BD0420	880204		120,000	J	13,000
CCSSI12	BD0350	880203		140,000	J	13,000
CCSSI26	BD2544	880205		130,000	J	30,000
CCSSK06	BD2545	880205		120,000	J	30,000
CCSSK08	BD0348	880203		130,000	J	13,000
CCSSN46	BD2546	880205		140,000	J	30,000
CCSSN55	BD0346	880202		160,000	J	13,000
CCSSO08	BD0344	880129		130,000	J	13,000
CCSSP29	BD0339	880128		140,000	J	13,000
CCSSR03	BD0340	880128		180,000	J	13,000
CCSSR21	BD0341	880128		150,000	J	13,000
CCSSS11	BD0342	880129		270,000	J	13,000
CCSSX12	BD0343	880129		180,000	J	13,000

FRO 001 1022

TABLE 4-3 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS (continued)						
Thallium						
CCSSB07	BD0338	880128	ND	48	U	2,000
CCSSD13	BD0415	880203	ND	49	U	2,000
CCSSE09	BD0345	880202	ND	150	U	2,000
CCSSE20	BD0419	880204	ND	58	U	2,000
CCSSG08	BD0347	880203	ND	150	U	2,000
CCSSH07	BD0349	880203	ND	49	U	2,000
CCSSI12	BD0350	880203	ND	50	U	2,000
CCSSO08	BD0344	880129	ND	48	U	2,000
CCSSP29	BD0339	880128	ND	51	U	2,000
CCSSR03	BD0340	880128	ND	160	U	2,000
CCSSR21	BD0341	880128	ND	150	U	2,000
CCSSS11	BD0342	880129	ND	140	U	2,000
CCSSX12	BD0343	880129	ND	150	U	2,000
Vanadium						
CCSSA01	BD0413	880203		60,000	J	2,200
CCSSA08	BD0417	880204		83,000	J	2,200
CCSSB07	BD0338	880128		63,000	J	2,200
CCSSD05	BD0414	880203		42,000	J	2,200
CCSSD13	BD0415	880203		74,000	J	2,200
CCSSD20	BD0416	880203		69,000	J	2,200
CCSSD48	BD0418	880204		63,000	J	2,200
CCSSE09	BD0345	880202		49,000	J	2,200
CCSSE20	BD0419	880204		71,000	J	2,200
CCSSG08	BD0347	880203		92,000	J	2,200
CCSSH07	BD0349	880203		22,000	J	2,200
CCSSI06	BD0420	880204		200,000	J	2,200
CCSSI12	BD0350	880203		51,000	J	2,200
CCSSI26	BD2544	880205		67,000	J	2,000
CCSSK06	BD2545	880205		60,000	J	2,000
CCSSK08	BD0348	880203		60,000	J	2,200
CCSSN46	BD2546	880205		49,000	J	2,000
CCSSN55	BD0346	880202		73,000	J	2,200
CCSSO08	BD0344	880129		45,000	J	2,200
CCSSP29	BD0339	880128		63,000	J	2,200
CCSSR03	BD0340	880128		76,000	J	2,200
CCSSR21	BD0341	880128		66,000	J	2,200
CCSSS11	BD0342	880129		72,000	J	2,200
CCSSX12	BD0343	880129		74,000	J	2,200
% Solid						
CCSS01E	BD0289	880122		84.90	NA	0
CCSS05Q	BD0354	880127		80	NA	0
CCSS05S	BD0362	880127		83.10	NA	0
CCSS07E	BD0281	880122		81.60	NA	0
CCSS07H	BD2537	880202		92	NA	0
CCSS08O	BD0334	880203		82.20	NA	0

FRO 001 1023

TABLE 4-3 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS (continued)						
% Solid (continued)						
CCSS09R	BD0390	880204		82.40	NA	0
CCSS13J	BD0299	880125		74.70	NA	0
CCSS17X	BD0381	880127		88.60	NA	0
CCSS19E	BD0282	880122		83.20	NA	0
CCSS20D	BD2534	880202		74.10	NA	0
CCSS21R	BD0384	880128		81.70	NA	0
CCSS23N	BD0364	880125		87.90	NA	0
CCSS23P	BD0336	880203		83.30	NA	0
CCSS26I	BD0387	880204		76.50	NA	0
CCSS29N	BD0365	880125		89.90	NA	0
CCSS30P	BD0374	880126		81.70	NA	0
CCSS31I	BD0298	880125		79.90	NA	0
CCSS372	BD0372	880126		82.40	NA	0
CCSS48D	BD2536	880202		75.20	NA	0
CCSS55N	BD0385	880202		81.70	NA	0
CCSSA01	BD0413	880203		80	NA	0
CCSSA02	BD0269	880120		75.40	NA	0
CCSSA08	BD0417	880204		77.30	NA	0
CCSSB07	BD0338	880128		82.60	NA	0
CCSSB13	BD0272	880120		96	NA	0
CCSSC01	BD0321	880120		86.80	NA	0
CCSSC02	BD0273	880120		83.60	NA	0
CCSSC06	BD0276	880120		74.80	NA	0
CCSSC07	BD0322	880120		77.20	NA	0
CCSSC08	BD0266	880120		77.90	NA	0
CCSSC11	BD0267	880120		79.30	NA	0
CCSSC16	BD0323	880120		89	NA	0
CCSSD05	BD0414	880203		79.10	NA	0
CCSSD06	BD0274	880120		83.20	NA	0
CCSSD09	BD0315	880120		77.40	NA	0
CCSSD13	BD0415	880203		81.50	NA	0
CCSSD16	BD0268	880121		88.90	NA	0
CCSSD18	BD0318	880121		85.70	NA	0
CCSSD20	BD0416	880203		75.40	NA	0
CCSSD21	BD0275	880121		76	NA	0
CCSSD24	BD0270	880121		85.20	NA	0
CCSSD25	BD0328	880202		75.70	NA	0
CCSSD29	BD0271	880121		86.10	NA	0
CCSSD30	BD0302	880121		88.60	NA	0
CCSSD39	BD0303	880121		88.90	NA	0
CCSSD40	BD0329	880202		85.60	NA	0
CCSSD42	BD0287	880121		90.30	NA	0
CCSSD45	BD0288	880121		77.60	NA	0
CCSSD48	BD0418	880204		81.20	NA	0
CCSSE01	BD0313	880122		86.90	NA	0
CCSSE02	BD0285	880122		71.60	NA	0
CCSSE04	BD0284	880122		76.40	NA	0

TABLE 4-3 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS (continued)						
% Solid (continued)						
CCSSE06	BD0316	880122		74.90	NA	0
CCSSE07	BD0283	880122		74.90	NA	0
CCSSE08	BD0327	880202		72.30	NA	0
CCSSE09	BD0345	880202		80.20	NA	0
CCSSE19	BD0314	880122		85	NA	0
CCSSE20	BD0419	880204		76.70	NA	0
CCSSE21	BD0277	880122		77.80	NA	0
CCSSF06	BD0386	880202		92.30	NA	0
CCSSF14	BD0326	880202		79.70	NA	0
CCSSG03	BD0278	880122		85	NA	0
CCSSG08	BD0347	880203		79.80	NA	0
CCSSG12	BD0279	880122		81.40	NA	0
CCSSG16	BD0280	880122		87.40	NA	0
CCSSG18	BD0319	880122		90.60	NA	0
CCSSG19	BD0290	880122		83.30	NA	0
CCSSH03	BD0292	880125		79.40	NA	0
CCSSH05	BD0399	880125		82.10	NA	0
CCSSH07	BD0349	880203		90.50	NA	0
CCSSH08	BD0330	880202		75.70	NA	0
CCSSH11	BD0293	880125		78.90	NA	0
CCSSI04	BD0331	880202		79.20	NA	0
CCSSI06	BD0420	880204		77	NA	0
CCSSI08	BD0294	880125		83.80	NA	0
CCSSI12	BD0350	880203		79.60	NA	0
CCSSI17	BD2532	880202		79.50	NA	0
CCSSI18	BD0296	880125		83.80	NA	0
CCSSI22	BD0400	880125		85.80	NA	0
CCSSI25	BD0297	880125		85.40	NA	0
CCSSI26	BD2544	880205		77.50	NA	0
CCSSI31	BD0401	880125		78.10	NA	0
CCSSJ01	BD2542	880203		75.60	NA	0
CCSSJ06	BD2543	880203		75.40	NA	0
CCSSJ13	BD0402	880125		81	NA	0
CCSSK01	BD0317	880120		78.40	NA	0
CCSSK02	BD0286	880122		86.60	NA	0
CCSSK03	BD0320	880122		85.60	NA	0
CCSSK04	BD0291	880122		81.80	NA	0
CCSSK05	BD0295	880125		83.60	NA	0
CCSSK06	BD2545	880205		77.40	NA	0
CCSSK07	BD0300	880125		74.70	NA	0
CCSSK08	BD0348	880203		80.90	NA	0
CCSSK09	BD0371	880126		87.90	NA	0
CCSSK10	BD2535	880202		72.70	NA	0
CCSSK11	BD0351	880126		83.80	NA	0
CCSSK12	BD0358	880127		90.10	NA	0
CCSSK13	BD0361	880127		81.40	NA	0

TABLE 4-3 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS (continued)						
% Solid (continued)						
CCSSK14	BD0379	880127		83.30	NA	0
CCSSN14	BD0301	880125		85.60	NA	0
CCSSN17	BD0403	880125		88.90	NA	0
CCSSN23	BD0363	880125		85.40	NA	0
CCSSN29	BD0404	880202		91.30	NA	0
CCSSN40	BD0366	880126		81.90	NA	0
CCSSN46	BD2546	880205		67.80	NA	0
CCSSN55	BD0346	880202		81.30	NA	0
CCSSO03	BD0367	880126		87.20	NA	0
CCSSO07	BD0333	880203		89	NA	0
CCSSO08	BD0344	880129		83.60	NA	0
CCSSO11	BD0368	880126		81.80	NA	0
CCSSO20	BD0369	880126		85.50	NA	0
CCSSO21	BD0405	880126		85.30	NA	0
CCSSO24	BD0370	880126		87.90	NA	0
CCSSO30	BD0406	880126		84.20	NA	0
CCSSP15	BD0373	880126		82.90	NA	0
CCSSP21	BD0407	880126		86.80	NA	0
CCSSP23	BD0335	880203		72.60	NA	0
CCSSP26	BD0408	880126		81.60	NA	0
CCSSP29	BD0339	880128		78.10	NA	0
CCSSP30	BD0409	880126		83.40	NA	0
CCSSQ03	BD0352	880126		89.50	NA	0
CCSSQ04	BD0353	880126		77.80	NA	0
CCSSQ05	BD0410	880126		82.90	NA	0
CCSSQ07	BD0355	880127		80.50	NA	0
CCSSQ10	BD0337	880204		69.40	NA	0
CCSSQ19	BD0356	880127		76.90	NA	0
CCSSQ27	BD0388	880204		79	NA	0
CCSSR03	BD0340	880128		75.50	NA	0
CCSSR05	BD0357	880127		84.30	NA	0
CCSSR09	BD0389	880204		82.50	NA	0
CCSSR14	BD0359	880127		82.20	NA	0
CCSSR16	BD0411	880127		77.40	NA	0
CCSSR21	BD0341	880128		81.80	NA	0
CCSSR22	BD0412	880127		87.20	NA	0
CCSSS05	BD0360	880127		80.20	NA	0
CCSSS09	BD0324	880127		81.50	NA	0
CCSSS11	BD0342	880129		84.50	NA	0
CCSSS14	BD0375	880127		87.30	NA	0
CCSSS15	BD0391	880204		75.90	NA	0
CCSST01	BD0376	880127		85.50	NA	0
CCSST11	BD0377	880127		84.40	NA	0
CCSST13	BD0392	880204		75	NA	0
CCSST20	BD0378	880127		82.80	NA	0

TABLE 4-3 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS (continued)						
% Solid (continued)						
CCSST35	BD0380	880127		85.20	NA	0
CCSSX12	BD0343	880129		81.80	NA	0
CCSSX17	BD0325	880127		86.50	NA	0
CCSSX21	BD0382	880127		84.10	NA	0
CCSSX25	BD0383	880127		83.20	NA	0

J - Estimated
NA - Not applicable
R - Data rejected by data validation team
U - Not detected, associated value below the Sample Quantitation Limit
UJ - Not detected, associated value is estimated and is below the Sample Quantitation Limit
UR - Value is below Sample Quantitation Limit; data rejected by data validation team

FRO 001 1027

TABLE 4-4

HSL Data Summary for Cristiana Surface Soil Samples
(MDL = 80; values in ug/kg)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
Volatile Organic Compounds						
ACETONE						
CCSS	21	21	21	11.8	137	55.6
TB Surf	6	5	5	0	53	33.6
Total	27	26	26	0	137	51.2
2-HEXANONE						
CCSS	22	1	1	0	69.2	69.2
METHYLENE CHLORIDE						
CCSS	22	19	17	0	34	17
TB Surf	6	5	5	0	27	16
Total	28	24	22	0	34	17
METHYL-ISOBUTYL KETONE						
CCSS	22	2	2	0	307	175
Base/Neutral Extractable Compounds						
BIS(2-ETHYLHEXYL) PHTHALATE						
CCSS	22	9	2	0	6,710	1,027
DI-N-BUTYL PHTHALATE						
CCSS	22	9	0	0	BMDL	176
DI-N-OCTYL PHTHALATE						
CCSS	22	3	0	0	BMDL	350
PHENANTHRENE						
CCSS	22	1	0	0	BMDL	120
Acid Extractable Compounds						
BENZOIC ACID						
CCSS	22	1	0	0	152	152
Organochlorine Pesticides/PCBs						
GAMMA-BHC						
TB Surf	6	1	1	0	11	11
HEPTACHLOR						
TB Surf	6	1	1	0	10	10

TABLE 4-4 (continued)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
RCRA Metals						
ARSENIC						
CCSS	18	18	9	BMDL	4,100	2,025
TB Surf	6	6	3	BMDL	2,200	1,808
Total	24	24	12	BMDL	4,100	1,969
BARIUM						
CCSS	22	22	22	47,700	405,000	164,350
TB Surf	6	6	6	110,000	165,500	135,250
Total	28	28	28	47,700	405,000	158,114
CADMIUM						
CCSS	22	15	0	0	BMDL	110
TB Surf	6	6	0	ND	BMDL	146
Total	28	21	0	0	BMDL	121
CHROMIUM						
CCSS	22	22	21	BMDL	55,000	8,236
TB Surf	6	6	6	BMDL	8,000	6,233
Total	28	28	27	BMDL	55,000	7,807
COPPER						
CCSS	22	22	22	11,000	1,180,000	73,864
TB Surf	6	6	6	18,000	29,000	21,417
Total	28	28	28	11,000	1,180,000	62,625
LEAD						
CCSS	22	22	22	5,450	37,000	11,206
TB Surf	6	6	6	2,000	28,000	12,450
Total	28	28	28	2,000	37,000	11,703
SELENIUM						
CCSS	22	15	0	0	BMDL	278
TB Surf	6	3	0	0	BMDL	160
Total	28	18	0	0	BMDL	258
SILVER						
CCSS	22	10	0	0	ND	208
TB Surf	6	4	0	0	ND	237
Total	28	14	0	0	ND	216
ZINC						
CCSS	22	22	22	33,000	144,000	46,932
TB Surf	6	6	6	30,000	84,000	54,833
Total	28	28	28	30,000	144,000	48,625

FRO 001 1029

TABLE 4-4 (continued)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
Other/Miscellanous Compounds						
ALUMINUM						
CCSS	22	22	22	5,680,000	24,400,000	13,967,727
TB Surf	6	6	6	10,115,000	18,500,000	15,489,166
Total	28	28	28	5,680,000	24,400,000	14,293,750
ANTIMONY						
CCSS	22	9	0	0	ND	163
BERYLLIUM						
CCSS	22	22	22	100	270	194
TB Surf	6	6	6	180	280	216
Total	28	28	28	100	280	198
CALCIUM						
CCSS	22	22	22	1,400,000	4,470,000	2,910,227
TB Surf	6	6	6	2,910,000	7,260,000	4,745,000
Total	28	28	28	1,400,000	7,260,000	3,303,393
COBALT						
CCSS	22	22	22	BMDL	41,000	9,727
TB Surf	6	6	4	BMDL	13,000	9,125
Total	28	28	26	BMDL	41,000	9,598
CYANIDE						
CCSS	22	22	0	< 500	< 500	< 500
TB Surf	6	6	1	< 500	< 11,500	2,333
Total	28	28	1	< 500	< 11,500	907
IRON						
CCSS	22	22	22	9,630,000	48,300,000	23,524,090
TB Surf	6	6	6	18,150,000	28,600,000	23,558,333
Total	28	28	28	9,630,000	48,300,000	23,531,428
MAGNESIUM						
CCSS	22	22	22	1,540,000	6,430,000	2,730,682
TB Surf	6	6	6	1,590,000	9,940,000	4,129,167
Total	28	28	28	1,540,000	9,940,000	3,030,357
MANGANESE						
CCSS	22	22	22	434,000	1,980,000	668,886
TB Surf	6	6	6	458,000	1,120,000	671,250
Total	28	28	28	434,000	1,980,000	669,393
NICKEL						
CCSS	22	22	20	BMDL	19,000	2,718
TB Surf	6	6	4	BMDL	3,100	2,317
Total	28	28	24	BMDL	19,000	2,632

TABLE 4-4 (continued)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
Other/Miscellanous Compounds (continued)						
POTASSIUM						
CCSS	22	22	22	210,000	830,000	363,863
TB Surf	6	6	6	180,000	500,000	302,500
Total	28	28	28	180,000	830,000	350,714
SODIUM						
CCSS	22	22	22	96,000	270,000	170,273
TB Surf	6	6	6	115,000	1,200,000	437,500
Total	28	28	28	96,000	1,200,000	227,536
THALLIUM						
CCSS	22	13	0	0	ND	96
TB Surf	6	5	0	0	ND	73
Total	28	18	0	0	ND	90
VANADIUM						
CCSS	22	22	22	22,000	200,000	68,386
TB Surf	6	6	6	53,000	75,500	64,083
Total	28	28	28	22,000	200,000	67,464
% SOLID						
CCSS	136	136	-	67.8	96	81.9
TB Surf	12	12	-	72.3	90.4	85.6
Total	148	148	-	67.8	96	82.2

CCSS - Ciudad Cristiana Surface Soil
TB Surf - Test Boring Surface Soil

* Based on all samples with a concentration or estimated concentration greater than zero. Includes samples which are listed as BMDL (below method detection limit) or ND (not detected).

TABLE 4-5

NSL Data for Background Cristiana Surface Soil Samples
(values in ug/kg)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
VOLATILE ORGANIC COMPOUNDS						
Acetone						
CCSSK15	BD0423	880205		76.20	UJ	5.80
CCSSM01	BD0422	880205		19.20	UJ	5.20
CCSSM08	BD0424	880205		39.20	UJ	5.60
CCSSM15	BD0421	880205		10.30	UJ	4.70
Carbon disulfide						
CCSSM15	BD0421	880205	BMDL	4.12	U	4.70
Methylene chloride						
CCSSK15	BD0423	880205		16.80	U	5.80
CCSSM01	BD0422	880205		13.80	UJ	5.20
CCSSM08	BD0424	880205		28.30	J	5.60
CCSSM15	BD0421	880205		7.78	J	4.70
BASE/NEUTRAL EXTRACTABLES						
bis(2-Ethylhexyl)phthalate						
CCSSM01	BD0422	880205	BMDL	119	UJ	870
Di-n-butyl phthalate						
CCSSK15	BD0423	880205	BMDL	213	U	970
CCSSM01	BD0422	880205	BMDL	159	UJ	870
CCSSM08	BD0424	880205	BMDL	214	U	920
Di-n-octyl phthalate						
CCSSK15	BD0423	880205	BMDL	116	U	970
ACID EXTRACTABLES						
Benzoic acid						
CCSSK15	BD0423	880205	BMDL	101	UJ	1,900
RCRA METALS						
Arsenic						
CCSSK15	BD0423	880205	BMDL	810		2,000
CCSSM01	BD0422	880205	BMDL	1,700		2,000
CCSSM08	BD0424	880205	BMDL	1,000		2,000
Barium						
CCSSK15	BD0423	880205		145,000	J	340
CCSSM01	BD0422	880205		282,000	J	340
CCSSM08	BD0424	880205		127,000	J	340

TABLE 4-5 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
RCRA METALS (continued)						
Cadmium						
CCSSM08	BD0424	880205	ND	96	U	720
Chromium						
CCSSK15	BD0423	880205		6,400	J	2,800
CCSSM01	BD0422	880205		5,800	J	2,800
CCSSM08	BD0424	880205		7,600	J	2,800
Copper						
CCSSK15	BD0423	880205		46,000	J	1,900
CCSSM01	BD0422	880205		21,000	J	1,900
CCSSM08	BD0424	880205		38,000	J	1,900
Lead						
CCSSK15	BD0423	880205		4,500	J	2,000
CCSSM01	BD0422	880205		8,400	J	5,000
CCSSM08	BD0424	880205		3,400	J	2,000
Selenium						
CCSSK15	BD0423	880205	ND	35	U	1,000
CCSSM01	BD0422	880205	BMDL	230		1,000
CCSSM08	BD0424	880205	ND	32	U	1,000
Silver						
CCSSM08	BD0424	880205	BMDL	550		1,900
Zinc						
CCSSK15	BD0423	880205		72,000	J	2,000
CCSSM01	BD0422	880205		49,000	J	2,000
CCSSM08	BD0424	880205		65,000	J	2,000
OTHER/MISCELLANEOUS						
Aluminum						
CCSSK15	BD0423	880205		21,400,000	J	19,000
CCSSM01	BD0422	880205		14,900,000	J	19,000
CCSSM08	BD0424	880205		17,500,000	J	19,000
Beryllium						
CCSSK15	BD0423	880205		190	J	67
CCSSM01	BD0422	880205		270	J	67
CCSSM08	BD0424	880205		140	J	67
Calcium						
CCSSK15	BD0423	880205		4,020,000	J	13,000
CCSSM01	BD0422	880205		1,880,000	J	13,000
CCSSM08	BD0424	880205		3,000,000	J	13,000

TABLE 4-5 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS (continued)						
Cobalt						
CCSSK15	BD0423	880205		13,000	J	5,100
CCSSM01	BD0422	880205		6,300	J	5,100
CCSSM08	BD0424	880205		14,000	J	5,100
Cyanide, Total (values in mg/kg)						
CCSSK15	BD0423	880205		< 0.50	NA	0.50
CCSSM01	BD0422	880205		< 0.50	NA	0.50
CCSSM08	BD0424	880205		< 0.50	NA	0.50
Iron						
CCSSK15	BD0423	880205		36,700,000	J	37,000
CCSSM01	BD0422	880205		28,900,000	J	37,000
CCSSM08	BD0424	880205		30,400,000	J	37,000
Magnesium						
CCSSK15	BD0423	880205		10,600,000	J	5,000
CCSSM01	BD0422	880205		1,250,000	J	5,000
CCSSM08	BD0424	880205		9,770,000	J	5,000
Manganese						
CCSSK15	BD0423	880205		1,120,000	J	810
CCSSM01	BD0422	880205		557,000	J	780
CCSSM08	BD0424	880205		1,160,000	J	810
Nickel						
CCSSK15	BD0423	880205		3,400	J	1,700
CCSSM01	BD0422	880205		2,000	J	1,700
CCSSM08	BD0424	880205		4,100	J	1,700
Potassium						
CCSSK15	BD0423	880205		870,000	J	20,000
CCSSM01	BD0422	880205		460,000	J	20,000
CCSSM08	BD0424	880205		970,000	J	20,000
Sodium						
CCSSK15	BD0423	880205		300,000	J	30,000
CCSSM01	BD0422	880205		130,000	J	30,000
CCSSM08	BD0424	880205		180,000	J	30,000
Vanadium						
CCSSK15	BD0423	880205		75,000	J	2,000
CCSSM01	BD0422	880205		64,000	J	2,000
CCSSM08	BD0424	880205		60,000	J	2,000

TABLE 4-5 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS (continued)						
% Solid						
CCSSK15	BD0423	880205		68.90	NA	0
CCSSM01	BD0422	880205		78.20	NA	0
CCSSM02	BD0396	880204		65.70	NA	0
CCSSM03	BD0397	880205		71.20	NA	0
CCSSM04	BD0394	880204		66.40	NA	0
CCSSM05	BD0393	880204		68.30	NA	0
CCSSM06	BD2539	880204		79.60	NA	0
CCSSM07	BD2540	880204		75.50	NA	0
CCSSM08	BD0424	880205		76.50	NA	0
CCSSM09	BD2541	880204		75.80	NA	0
CCSSM10	BD0395	880204		74.60	NA	0
CCSSM11	BD0398	880205		83.30	NA	0
CCSSM12	BD2533	880203		74.70	NA	0
CCSSM13	BD2538	880203		73.60	NA	0
CCSSM14	BD0332	880203		83.40	NA	0

J - Estimated
NA - Not applicable
R - Data rejected by data validation team
U - Not detected, associated value below the Sample Quantitation Limit
UJ - Not detected, associated value is estimated and is below the Sample Quantitation Limit
UR - Value is below Sample Quantitation Limit; data rejected by data validation team

FRO 001 1035

TABLE 4-6

HSL Data Summary for All Background Surface Soil Samples
(MDL = 80; values in ug/kg)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
Volatile Organic Compounds						
ACETONE						
CCSSBG(M)	3	3	3	10.3	57.7	29.1
TBBG Surf	2	2	2	37.2	42.4	39.8
ISBG Surf	12	9	9	0	46.3	17.4
Total	17	14	14	0	57.7	23.1
CARBON DISULFIDE						
CCSSBG(M)	3	1	0	0	BMDL	4.12
METHYL ETHYL KETONE						
TBBG Surf	2	2	2	18.5	23.5	21
ISBG Surf	2	1	1	0	7.98	7.98
Total	4	3	3	0	23.5	16.66
METHYLENE CHLORIDE						
CCSSBG(M)	3	3	3	7.78	22.6	14.71
TBBG Surf	2	2	2	10.5	11.8	11.15
ISBG Surf	12	8	6	0	23.0	12.08
Total	17	13	11	0	23.0	12.54
TOLUENE						
TBBG Surf	2	2	1	BMDL	5.41	5.05
Base/Neutral Extractable Compounds						
BIS (2-ETHYLHEXYL) PHTHALATE						
CCSSBG(M)	2	1	0	0	BMDL	119
ISBG Surf	12	3	1	0	1,620	652
Total	14	4	1	0	1,620	519
DIETHYL PHTHALATE						
ISBG Surf	12	1	0	0	BMDL	192
DI-N-BUTYL PHTHALATE						
CCSSBG(M)	2	2	0	BMDL	BMDL	186
ISBG Surf	12	8	2	0	1,460	457.7
Total	14	10	2	0	1,460	403.4
DI-N-OCTYL PHTHALATE						
CCSSBG(M)	2	1	0	0	BMDL	116
FLUORANTHENE						
ISBG Surf	12	1	0	0	BMDL	52.8

TABLE 4-6 (continued)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
Base/Neutral Extractable Compounds (continued)						
NAPHTHALENE						
ISBG Surf	12	5	0	0	BMDL	12.6
PYRENE						
ISBG Surf	12	1	0	0	BMDL	49.2
Acid Extractables						
BENZOIC ACID						
CCSSBG	2	1	0	0	BMDL	101
RCRA Metals						
ARSENIC						
CCSSBG(M)	2	2	0	BMDL	BMDL	1,303
TBBG Surf	2	2	0	BMDL	BMDL	1,450
ISBG Surf	12	12	0	BMDL	BMDL	1,554
Total	16	16	0	BMDL	BMDL	1,510
BARIUM						
CCSSBG(M)	2	2	2	136,000	282,000	209,000
TBBG Surf	2	2	2	114,000	187,000	150,500
ISBG Surf	12	12	12	49,000	434,000	147,558
Total	16	16	16	49,000	434,000	155,606
CADMIUM						
CCSSBG(M)	2	1	0	0	ND	96
TBBG Surf	2	2	0	ND	ND	22
ISBG Surf	12	5	0	0	ND	165
Total	16	8	0	0	ND	121
CHROMIUM						
CCSSBG(M)	2	2	2	5,800	7,000	6,400
TBBG Surf	2	2	2	7,300	12,000	9,650
ISBG Surf	12	12	12	2,800	50,000	14,679
Total	16	16	16	2,800	50,000	13,016
COPPER						
CCSSBG(M)	2	2	2	21,000	42,000	31,500
TBBG Surf	2	2	2	30,000	33,000	31,500
ISBG Surf	12	12	12	19,000	84,000	46,750
Total	16	16	16	19,000	84,000	42,938

TABLE 4-6 (continued)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
RCRA Metals (continued)						
LEAD						
CCSSBG(M)	2	2	2	3,950	8,400	6,175
TBBG Surf	2	2	2	6,100	10,000	8,050
ISBG Surf	12	12	12	1,500	67,000	12,600
Total	16	16	16	1,500	67,000	11,228
SELENIUM						
CCSSBG(M)	2	2	0	ND	BMDL	132
TBBG Surf	2	2	0	ND	ND	91
ISBG Surf	12	11	0	0	BMDL	230
Total	16	15	0	0	BMDL	198
SILVER						
CCSSBG(M)	2	1	0	0	BMDL	550
ISBG Surf	12	10	0	0	BMDL	354.92
Total	14	11	0	0	BMDL	372.66
ZINC						
CCSSBG(M)	2	2	2	49,000	68,500	58,750
TBBG Surf	2	2	2	64,000	70,000	67,000
ISBG Surf	12	12	12	56,000	94,000	71,417
Total	16	16	16	49,000	94,000	69,281
Other/Miscellaneous Compounds						
ALUMINUM						
CCSSBG(M)	2	2	2	14,900,000	19,450,000	17,175,000
TBBG Surf	2	2	2	18,500,000	23,600,000	21,050,000
ISBG Surf	12	12	12	10,600,000	24,600,000	16,895,833
Total	16	16	16	10,600,000	24,600,000	17,450,000
ANTIMONY						
ISBG Surf	12	11	0	0	BMDL	2,630
BERYLLIUM						
CCSSBG(M)	2	2	2	165	270	218
TBBG Surf	2	2	2	280	350	315
ISBG Surf	12	2	0	0	BMDL	95
Total	16	6	4	0	350	209
CALCIUM						
CCSSBG(M)	2	2	2	1,880,000	3,510,000	2,695,000
TBBG Surf	2	2	2	2,160,000	4,630,000	3,395,000
ISBG Surf	12	12	12	585,000	6,400,000	3,147,500
Total	16	16	16	585,000	6,400,000	3,121,875

TABLE 4-6 (continued)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
Other/Miscellaneous Compounds						
COBALT						
CCSSBG(M)	2	2	2	6,300	13,500	9,900
TBBG Surf	2	2	2	16,000	50,000	33,000
ISBG Surf	12	12	12	9,600	31,000	19,292
Total	16	16	16	6,300	50,000	19,831
CYANIDE						
CCSSBG(M)	2	2	0	< 500	< 500	500
TBBG Surf	2	2	0	< 500	< 500	500
ISBG Surf	12	12	1	< 500	< 800	509
Total	16	16	1	< 500	< 800	507
IRON						
CCSSBG(M)	2	2	2	28,900,000	33,550,000	31,225,000
TBBG Surf	2	2	2	39,800,000	43,700,000	41,750,000
ISBG Surf	12	12	12	20,700,000	57,000,000	35,916,666
Total	16	16	16	20,700,000	57,000,000	36,059,375
MAGNESIUM						
CCSSBG(M)	2	2	2	1,250,000	10,185,000	5,717,500
TBBG Surf	2	2	2	3,150,000	6,990,000	5,070,000
ISBG Surf	12	12	12	2,120,000	14,300,000	5,432,083
Total	16	16	16	1,250,000	14,300,000	5,422,500
MANGANESE						
CCSSBG(M)	2	2	2	557,000	1,140,000	848,500
TBBG Surf	2	2	2	1,090,000	1,630,000	1,360,000
ISBG Surf	12	12	12	339,000	2,520,000	1,201,708
Total	16	16	16	339,000	2,520,000	1,177,343
NICKEL						
CCSSBG(M)	2	2	2	2,000	3,750	2,875
TBBG Surf	2	2	2	4,100	7,000	5,550
ISBG Surf	12	12	10	BMDL	17,000	6,796
Total	16	16	14	2,000	17,000	6,150
POTASSIUM						
CCSSBG(M)	2	2	2	460,000	920,000	690,000
TBBG Surf	2	2	2	500,000	750,000	625,000
ISBG Surf	12	12	12	350,000	1,110,000	648,750
Total	16	16	16	350,000	1,110,000	650,938
SODIUM						
CCSSBG(M)	2	2	2	130,000	240,000	185,000
TBBG Surf	2	2	2	150,000	160,000	155,000
ISBG Surf	12	12	11	91,000	620,000	181,750
Total	16	16	15	91,000	620,000	178,813

TABLE 4-6 (continued)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
Other/Miscellaneous Compounds (continued)						
THALLIUM						
ISBG Surf	12	8	0	0	ND	73.8
VANADIUM						
CCSSBG(M)	2	2	2	64,000	67,500	65,750
TBBG Surf	2	2	2	100,000	110,000	105,000
ISBG Surf	12	12	12	62,000	180,000	101,958
Total	16	16	16	62,000	180,000	97,813
% SOLID						
CCSSBG(M)	14	14	-	65.7	83.3	74.5
TBBG Surf	5	5	-	75.4	87.2	82.4
ISBG Surf	11	11	-	72.9	93.3	84.5
Total	30	30	-	65.7	93.3	79.6

* Based on all samples with a concentration or estimated concentration greater than zero. Includes samples which are listed as BMDL (below method detection limit) or ND (not detected).

CCSSBG(M) - Ciudad Cristiana Background Locations Surface Soil
TBBG Surf - Test Boring Background Locations Surface Soil
ISBG Surf - Industrial Surface Soil Background Locations

TABLE 4-7

Mercury Data for Cristiana Test Boring Soil Samples
(MDL = 80; values in ug/kg)

Dynamac Number	ETC Number	Date	Total Mercury				Inorganic Mercury			
			Lab Qual	Value	QA Qual		Lab Qual	Value	QA Qual	
TBA08D01	BD3516	880305		88	UJ		ND	0	UJ	
TBA08D02	BD3517	880305	ND	0	U		ND	0	UJ	
TBA08D03	BD3518	880305	ND	0	U		ND	0	UJ	
TBA08D04	BD3519	880305	ND	0	U		ND	0	UJ	
TBA08D05	BD3520	880305	ND	0	U		ND	0	UJ	
TBA08D06	BD3522	880305	ND	0	U		ND	0	UJ	
TBA08D07	BD3523	880305	ND	0	U		ND	0	UJ	
TBB07D01	BD3495	880310		160			ND	0	U	
TBB07D02	BD3591	880310	ND	0	U		ND	0	UJ	
TBB07D03	BD3592	880310	ND	0	U		ND	0	UJ	
TBB07D04	BD3496	880310	BMDL	56	UJ		ND	0	U	
TBB07D05	BD3593	880310	ND	0	U		ND	0	UJ	
TBB07D06	BD3497	880310	BMDL	72	U		ND	0	U	
TBB07D07	BD3594	880310	ND	0	U		ND	0	UJ	
TBD34D01	BD6635	880315		160	J			192	J	
TBD34D02	BD6636	880315	ND	0	U		ND	0	U	
TBD34D03	BD6637	880315	ND	0	U		ND	0	U	
TBD34D04	BD6639	880315	ND	0	U		ND	0	U	
TBD34D05	BD6640	880315	ND	0	U		ND	0	U	
TBD34D06	BD6641	880315	ND	0	U		ND	0	U	
TBD34D07	BD6642	880315	ND	0	U		ND	0	U	
TBE23D01	BD3556	880314	ND	0	U		ND	0	U	
TBE23D02	BD3559	880314	ND	0	U		ND	0	U	
TBE23D03	BD3560	880314	ND	0	U		ND	0	U	
TBE23D04	BD3561	880314	BMDL	51	U		ND	0	U	
TBE23D05	BD3562	880314	ND	0	U		ND	0	U	
TBE23D06	BD3563	880314	ND	0	U		BMDL	49	U	
TBE23D07	BD3564	880314	ND	0	U		ND	0	U	
TBG08D01	BD3489	880309		140	J		ND	0	U	
TBG08D02	BD3543	880309	ND	0	UJ		ND	0	UJ	
TBG08D03	BD3544	880309	BMDL	53	U		ND	0	UJ	
TBG08D04	BD3490	880309	BMDL	65	U		ND	0	U	
TBG08D05	BD3546	880309	ND	0	U		ND	0	UJ	
TBG08D06	BD3491	880309	ND	0	U		ND	0	U	
TBG08D07	BD3547	880309	BMDL	73	U		ND	0	UJ	
TBI12D01	BD3486	880308	ND	0	UJ		ND	0	U	
TBI12D02	BD3524	880308	ND	0	U		ND	0	U	
TBI12D03	BD3525	880308	ND	0	U		ND	0	U	
TBI12D04	BD3487	880308	ND	0	U		ND	0	U	
TBI12D05	BD3526	880308	BMDL	58	U		ND	0	UJ	
TBI12D06	BD3488	880308	BMDL	67	U		ND	0	U	
TBI12D07	BD3527	880308	ND	0	U		ND	0	UJ	
TBJ14D01	BD3548	880311	ND	0	U		BMDL	44	U	
TBJ14D02	BD3549	880311	ND	0	U		ND	0	U	
TBJ14D03	BD3551	880311	ND	0	U		BMDL	47	U	
TBJ14D04	BD3552	880311	ND	0	U		ND	0	U	
TBJ14D05	BD3553	880311	ND	0	U		BMDL	48	U	
TBJ14D06	BD3554	880311	BMDL	68	U		BMDL	63	U	

TABLE 4-7 (continued)

Dynamac Number	ETC Number	Date	Total Mercury				Inorganic Mercury			
			Lab Qual	Value	QA Qual		Lab Qual	Value	QA Qual	
TBJ14D07	BD3555	880311	ND	0	U		ND	0	U	
TBK01D01	BD3472	880225		94	U		BMDL	66	U	
TBK02D07	BD3582	880302	ND	0	U		ND	0	U	
TBK03D01	BD3481	880301		120			BMDL	54	U	
TBK04D06	BD3514	880304		97	U		ND	0	UJ	
TBK05D05	BD3521	880305	ND	0	U		ND	0	UJ	
TBK06D03	BD3545	880309	ND	0	U		ND	0	UJ	
TBK07D06	BD3475	880310	BMDL	46	U		ND	0	U	
TBK08D02	BD3550	880311	ND	0	U		ND	0	U	
TBK09D01	BD3557	880314	ND	0	U		ND	0	U	
TBK10D03	BD6638	880315	ND	0	U		ND	0	U	
TBK11D07	BD6643	880315	ND	0	U		ND	0	U	
TBN40D01	BD3480	880301		140				87	U	
TBN40D02	BD3498	880301	ND	0	U		ND	0	U	
TBN40D03	BD3499	880301	ND	0	U		ND	0	U	
TBN40D04	BD3500	880301	ND	0	U		ND	0	U	
TBN40D05	BD3501	880301	ND	0	U		ND	0	U	
TBN40D06	BD3482	880301	BMDL	49	UJ		ND	0	UJ	
TBN40D07	BD3503	880301	ND	0	U		ND	0	U	
TBP29D01	BD3483	880307		80	U		ND	0	U	
TBP29D02	BD3504	880307	ND	0	U		ND	0	UJ	
TBP29D03	BD3505	880307		81	U		ND	0	UJ	
TBP29D04	BD3484	880307		88	U		ND	0	U	
TBP29D06	BD3485	880307	BMDL	57	U		ND	0	U	
TBP29D07	BD3506	880307	ND	0	U		ND	0	UJ	
TBP29D08	BD3507	880307	ND	0	U		ND	0	UJ	
TBQ27D01	BD3508	880304		84	U			108	J	
TBQ27D02	BD3509	880304		86	U			182	J	
TBQ27D03	BD3510	880304		236				87	UJ	
TBQ27D04	BD3511	880304	ND	0	U		ND	0	UJ	
TBQ27D05	BD3512	880304	ND	0	U		ND	0	UJ	
TBQ27D06	BD3513	880304	BMDL	60	U		ND	0	UJ	
TBQ27D07	BD3515	880304	BMDL	59	U		ND	0	UJ	
TBS15D01	BD3471	880225		100	UJ			110	J	
TBS15D02	BD3570	880225	ND	0	UJ		ND	0	UJ	
TBS15D03	BD3571	880225	BMDL	34	UJ		ND	0	UJ	
TBS15D04	BD3473	880225	ND	0	U		ND	0	U	
TBS15D05	BD3572	880225	ND	0	UJ		ND	0	UJ	
TBS15D07	BD3574	880225	BMDL	53	UJ		ND	0	UJ	
TBX12D01	BD3575	880302		836				717		
TBX12D02	BD3576	880302		223			BMDL	68	U	
TBX12D03	BD3577	880302	ND	0	U		ND	0	U	
TBX12D04	BD3578	880302	ND	0	U		ND	0	U	
TBX12D05	BD3579	880302	BMDL	57	U		BMDL	72	U	
TBX12D06	BD3580	880302	ND	0	U		ND	0	U	
TBX12D07	BD3581	880302	ND	0	U		ND	0	U	

J - Estimated
U - Not detected, associated value below the Sample Quantitation Limit
UJ - Not detected, associated value is estimated and is below the Sample Quantitation Limit

FRO 001 1042

TABLE 4-8

Mercury Data Summary
for Cristiana and Background Subsurface Soil Samples
(MDL = 80;values in ug/kg)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg
Total Mercury - Ciudad Cristiana						
TB Subsurf	71	21	5	0	236	23
Total Mercury - Background						
TBBG Subsurf	30	19	2	0	109	34
ISBG Subsurf	9	7	1	0	95	47
Total	39	26	3	0	109	37
Inorganic Mercury - Ciudad Cristiana						
TB Subsurf	71	8	2	0	182	9
Inorganic Mercury - Background						
TBBG Subsurf	30	9	5	0	261	32
ISBG Subsurf	5	4	1	0	90	54
Total	35	13	6	0	261	35

TBBG Subsurf - Test Boring Subsurface Soil
ISBG Subsurf - Industrial Soil Background Subsurface Soil

FRO 001 1043

TABLE 4-9

Mercury Data for Cristiana Test Boring
Background Soil Samples
(MDL = 80; values in ug/kg)

Dynamac Number	ETC Number	Date	Total Mercury			Inorganic Mercury		
			Lab Qual	Value	QA Qual	Lab Qual	Value	QA Qual
TBBG1DO1	BD3530	880219	BMDL	74	U	BMDL	37	UJ
TBBG1DO2	BD3538	880219	BMDL	46	U	ND	0	UJ
TBBG1DO3	BD3542	880219	BMDL	37	U	ND	0	UJ
TBBG1DO4	BD3531	880219	ND	0	U	ND	0	UJ
TBBG1DO5	BD3530	880219	ND	0	U	ND	0	UJ
TBBG1DO6	BD3535	880219		100	*		261	*
TBBG1DO7	BD3534	880219	BMDL	45	U	BMDL	71	U
TBBG2DO1	BD3477	880222	BMDL	35	U	BMDL	50	U
TBBG2DO2	BD3528	880222	BMDL	52	U	BMDL	42	UJ
TBBG2DO3	BD3529	880222	BMDL	50	U	BMDL	78	UJ
TBBG2DO4	BD3478	880222	BMDL	34	U	ND	0	U
TBBG2DO5	BD3532	880222	BMDL	51	U	ND	0	U
TBBG2DO6	BD3479	880222	ND	0	U	ND	0	U
TBBG2DO7	BD3533	880222	BMDL	64	U	ND	0	UJ
TBBG3DO1	BD3536	880223	BMDL	55	UJ	ND	0	UJ
TBBG3DO2	BD3537	880223	BMDL	56	UJ	ND	0	UJ
TBBG3DO3	BD3540	880223	ND	0	UJ	ND	0	UJ
TBBG3DO4	BD3541	880223	BMDL	32	UJ	ND	0	UJ
TBBG3DO5	BD3583	880223	BMDL	32	UJ	ND	0	UJ
TBBG3DO6	BD3584	880223	ND	0	UJ	ND	0	UJ
TBBG3DO7	BD3585	880223	BMDL	37	UJ	ND	0	UJ
TBBG4DO1	BD3492	880224	BMDL	43	U	ND	0	U
TBBG4DO2	BD3586	880224	BMDL	48	UJ	D	0	UJ
TBBG4DO3	BD3587	880224	BMDL	38	UJ	BMDL	48	UJ
TBBG4DO4	BD3493	880224	ND	0	U	ND	0	U
TBBG4DO5	BD3588	880224	BMDL	48	UJ	ND	0	UJ
TBBG4DO6	BD3494	880224	ND	0	U	ND	0	U
TBBG4DO7	BD3590	880224	ND	0	UJ	ND	0	UJ
TBBG5DO1	BD3565	880316	BMDL	60	UJ		106	J
TBBG5DO2	BD3566	880316	BMDL	60	UJ		124	J
TBBG5DO3	BD3567	880316	BMDL	77	UJ		126	J
TBBG5DO4	BD3568	880316	ND	0	UJ		121	J
TBBG5DO5	BD3569	880316	ND	0	U	ND	0	U
TBBG5DO6	BD6644	880316	ND	0	U	ND	0	U
TBBG5DO7	BD6645	880316		109			99	

J - Estimated
U - Not detected, associated value below the Sample Quantitation Limit
UJ - Not detected, associated value is estimated and is below the Sample Quantitation Limit
Note: *, **, R1 and R2 identify data points originally qualified "R" (rejected by the data validation team) but judged usable for data assessment purposes (see Appendix 7 for the explanation of these qualifiers)

TABLE 4-10

Distribution of Total Mercury Concentrations
in Subsurface Soil Samples
(MDL = 80; values in ug/kg)

Test Boring	Sample Depth *						
	0-3"	6-24"	2-4'	4-6'	8-10'	10-12'	14-16'
A08	88	0	0	0	0	0	0
B07	160	0	0	56	0	72	0
D34	160	0	0	0	0	0	0
E23	0	0	0	51	0	0	0
G08	140	0	53	65	0	0	73
I12	0	0	0	0	58	67	0
J14	0	0	0	0	0	68	0
N40	140	0	0	0	0	49	0
P29	80	0	81	88	-	57	0
Q27	84	86	236	0	0	60	59
S15	100	0	34	0	0	-	53
X12	836	223	0	0	57	0	0
Average:	148			23			

* Proposed sampling depths are per the SOP; actual sampling depths chosen in the field based on sample recovery.

TABLE 4-11

HSL Data for Cristiana Subsurface Soil Samples
(values in ug/kg)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
VOLATILE ORGANIC COMPOUNDS						
Acetone						
TBB07D01	BD3495	880310		22.80	U	4.6
TBB07D04	BD3496	880310		82.40	UJ	4.6
TBB07D06	BD3497	880310		218.00	UJ	5.1
TBG08D04	BD3490	880309		110.00	J	5.1
TBG08D06	BD3491	880309		247.00	J	4.5
TBI12D01	BD3486	880308		53.00	J	4.4
TBI12D04	BD3487	880308		57.10	J	4.6
TBI12D06	BD3488	880308		139.00	J	4.7
TBK03D01	BD3481	880301		44.50	U	4.9
TBK07D06	BD3475	880310		76.20	UJ	5.1
TBN40D01	BD3480	880301		43.40	U	4.9
TBN40D06	BD3482	880301		82.60	UJ	54.0
TBP29D01	BD3483	880307		26.60	U	5.0
TBP29D04	BD3484	880307		28.20	U	4.6
TBP29D06	BD3485	880307		26.20	U	4.9
TBS15D01	BD3471	880225		11.50	U	5.6
TBS15D04	BD3473	880225		29.20	U	5.3
TBS15D06	BD3474	880225		94.20	UJ	5.2
Methyl ethyl ketone						
TBB07D06	BD3497	880310		20.10		5.1
TBG08D06	BD3491	880309		45.00	J	4.5
Methylene chloride						
TBB07D01	BD3495	880310		12.10	U	4.6
TBB07D04	BD3496	880310		11.30	U	4.6
TBB07D06	BD3497	880310		22.60	UJ	5.1
TBG08D01	BD3489	880309		12.60	U	4.4
TBG08D04	BD3490	880309		43.70	U	5.1
TBG08D06	BD3491	880309		19.50	UJ	4.5
TBI12D01	BD3486	880308		15.00	U	4.4
TBI12D04	BD3487	880308		23.90	UJ	4.6
TBI12D06	BD3488	880308		11.20	UJ	4.7
TBK03D01	BD3481	880301		27.10		4.9
TBK07D06	BD3475	880310		11.90	U	5.1
TBP29D01	BD3483	880307		11.80	U	5.0
TBP29D04	BD3484	880307		7.17	U	4.6
TBP29D06	BD3485	880307		9.72	U	4.9
TBS15D06	BD3474	880225		44.40	UJ	5.2
ACID EXTRACTABLES						
2-Chlorophenol						
TBS15D04	BD3473	880225	BMDL	90.40	UJ	1,800.0

TABLE 4-11 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
ACID EXTRACTABLES (continued)						
Phenol						
TBS15D04	BD3473	880225	BMDL	87.30	UJ	1,800.0
ORGANOCHLORINE PESTICIDES/PCB						
Gamma-BHC						
TBN40D01	BD3480	880301		11.00		4.1
Heptachlor						
TBN40D01	BD3480	880301		10.00	U	8.2
RCRA METALS						
Arsenic						
TBB07D01	BD3495	880310		2,200.00	J	2,000.0
TBB07D04	BD3496	880310	ND	260.00		2,000.0
TBB07D06	BD3497	880310	ND	330.00		2,000.0
TBG08D01	BD3489	880309	BMDL	1,600.00		2,000.0
TBG08D04	BD3490	880309	BMDL	520.00		2,000.0
TBI12D01	BD3486	880308	BMDL	1,100.00		2,000.0
TBI12D04	BD3487	880308	BMDL	820.00		2,000.0
TBI12D06	BD3488	880308	ND	81.00	U	2,000.0
TBK01D01	BD3472	880225		2,300.00	J	2,000.0
TBK03D01	BD3481	880301		2,200.00	J	2,000.0
TBK07D06	BD3475	880310	ND	280.00		2,000.0
TBN40D01	BD3480	880301	BMDL	1,400.00	J	2,000.0
TBP29D01	BD3483	880307		2,000.00	J	2,000.0
TBP29D04	BD3484	880307	ND	300.00		2,000.0
TBP29D06	BD3485	880307	BMDL	530.00		2,000.0
TBS15D01	BD3471	880225		2,000.00	J	2,000.0
TBS15D04	BD3473	880225	BMDL	520.00		2,000.0
Barium						
TBB07D01	BD3495	880310		131,000.00	J	440.0
TBB07D04	BD3496	880310		402,000.00	J	440.0
TBB07D06	BD3497	880310		99,900.00	J	440.0
TBG08D01	BD3489	880309		135,000.00	J	440.0
TBG08D04	BD3490	880309		90,800.00	J	440.0
TBG08D06	BD3491	880309		85,400.00	J	440.0
TBI12D01	BD3486	880308		110,000.00	J	440.0
TBI12D04	BD3487	880308		95,300.00	J	440.0
TBI12D06	BD3488	880308		74,100.00	J	440.0
TBK01D01	BD3472	880225		182,000.00	J	340.0
TBK03D01	BD3481	880301		128,000.00	J	440.0
TBK07D06	BD3475	880310		109,000.00	J	440.0
TBN40D01	BD3480	880301		132,000.00	J	440.0
TBP29D01	BD3483	880307		140,000.00	J	440.0
TBP29D04	BD3484	880307		88,600.00	J	440.0
TBP29D06	BD3485	880307		176,000.00	J	440.0

TABLE 4-11 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
RCRA METALS (continued)						
Barium (continued)						
TBS15D01	BD3471	880225		149,000.00	J	340.0
TBS15D04	BD3473	880225		180,000.00	J	340.0
Cadmium						
TBB07D01	BD3495	880310	ND	140.00	U	710.0
TBG08D01	BD3489	880309	ND	140.00	U	710.0
TBG08D04	BD3490	880309	ND	9.00	U	710.0
TBI12D01	BD3486	880308	BMDL	190.00	U	710.0
TBI12D04	BD3487	880308	BMDL	180.00	U	710.0
TBK01D01	BD3472	880225	BMDL	150.00	U	720.0
TBK03D01	BD3481	880301	ND	56.00	U	710.0
TBN40D01	BD3480	880301	ND	120.00	U	710.0
TBP29D01	BD3483	880307	BMDL	170.00	U	710.0
TBP29D04	BD3484	880307	BMDL	160.00	U	710.0
TBP29D06	BD3485	880307	ND	34.00	U	710.0
Chromium						
TBB07D01	BD3495	880310		7,200.00	J	4,000.0
TBB07D04	BD3496	880310		5,700.00	J	4,000.0
TBB07D06	BD3497	880310		4,400.00	J	4,000.0
TBG08D01	BD3489	880309		7,300.00	J	4,000.0
TBG08D04	BD3490	880309	BMDL	1,900.00	J	4,000.0
TBG08D06	BD3491	880309	BMDL	3,100.00	J	4,000.0
TBI12D01	BD3486	880308	BMDL	3,900.00	J	4,000.0
TBI12D04	BD3487	880308	BMDL	2,900.00	J	4,000.0
TBI12D06	BD3488	880308		5,400.00	J	4,000.0
TBK01D01	BD3472	880225		8,900.00	J	2,800.0
TBK03D01	BD3481	880301		6,800.00	J	4,000.0
TBK07D06	BD3475	880310		8,900.00	J	4,000.0
TBN40D01	BD3480	880301		4,000.00	J	4,000.0
TBP29D01	BD3483	880307		5,600.00	J	4,000.0
TBP29D04	BD3484	880307		8,100.00	J	4,000.0
TBP29D06	BD3485	880307		4,600.00	J	4,000.0
TBS15D01	BD3471	880225		7,100.00	J	2,800.0
TBS15D04	BD3473	880225		9,600.00	J	2,800.0
Copper						
TBB07D01	BD3495	880310		29,000.00	J	1,600.0
TBB07D04	BD3496	880310		25,000.00	J	1,600.0
TBB07D06	BD3497	880310		34,000.00	J	1,600.0
TBG08D01	BD3489	880309		21,000.00	J	1,600.0
TBG08D04	BD3490	880309		21,000.00	J	1,600.0
TBG08D06	BD3491	880309		31,000.00	J	1,600.0
TBI12D01	BD3486	880308		20,000.00	J	1,600.0
TBI12D04	BD3487	880308		13,000.00	J	1,600.0
TBI12D06	BD3488	880308		30,000.00	J	1,600.0
TBK01D01	BD3472	880225		25,000.00	J	1,900.0
TBK03D01	BD3481	880301		18,000.00	J	1,600.0

TABLE 4-11 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
RCRA METALS (continued)						
Copper (continued)						
TBK07D06	BD3475	880310		37,000.00	J	1,600.0
TBN40D01	BD3480	880301		18,000.00	J	1,600.0
TBP29D01	BD3483	880307		18,000.00	J	1,600.0
TBP29D04	BD3484	880307		16,000.00	J	1,600.0
TBP29D06	BD3485	880307		26,000.00	J	1,600.0
TBS15D01	BD3471	880225		20,000.00	J	1,900.0
TBS15D04	BD3473	880225		39,000.00	J	1,900.0
Lead						
TBB07D01	BD3495	880310		8,500.00	J	1,000.0
TBB07D04	BD3496	880310		2,500.00	J	1,000.0
TBB07D06	BD3497	880310		3,500.00	J	1,000.0
TBG08D01	BD3489	880309		7,500.00	J	2,000.0
TBG08D04	BD3490	880309		2,000.00	J	1,000.0
TBG08D06	BD3491	880309		1,500.00	J	1,000.0
TBI12D01	BD3486	880308		2,000.00	J	1,000.0
TBI12D04	BD3487	880308		1,200.00	J	1,000.0
TBK01D01	BD3472	880225		28,000.00		2,000.0
TBK03D01	BD3481	880301		16,000.00	J	2,500.0
TBK07D06	BD3475	880310		2,400.00		1,000.0
TBN40D01	BD3480	880301		31,000.00	J	2,500.0
TBP29D01	BD3483	880307		5,200.00	J	1,000.0
TBP29D04	BD3484	880307		2,200.00	J	1,000.0
TBP29D06	BD3485	880307		2,400.00	J	1,000.0
TBS15D01	BD3471	880225		28,000.00		5,000.0
TBS15D04	BD3473	880225		4,700.00	J	1,000.0
Selenium						
TBB07D01	BD3495	880310	ND	100.00	U	1,000.0
TBB07D06	BD3497	880310	ND	120.00	U	1,000.0
TBI12D04	BD3487	880308	ND	100.00	U	1,000.0
TBK01D01	BD3472	880225	ND	180.00	U	1,000.0
TBP29D01	BD3483	880307	BMDL	200.00		1,000.0
TBS15D01	BD3471	880225	ND	180.00	U	1,000.0
TBS15D04	BD3473	880225	ND	180.00	U	1,000.0
Silver						
TBB07D04	BD3496	880310	BMDL	450.00	U	2,200.0
TBG08D01	BD3489	880309	ND	57.00	U	2,200.0
TBI12D01	BD3486	880308	ND	350.00	U	2,200.0
TBK03D01	BD3481	880301	ND	380.00	U	2,200.0
TBP29D01	BD3483	880307	ND	160.00	U	2,200.0
TBP29D04	BD3484	880307	ND	360.00	U	2,200.0
Zinc						
TBB07D01	BD3495	880310		55,000.00	J	2,000.0
TBB07D04	BD3496	880310		49,000.00	J	2,000.0
TBB07D06	BD3497	880310		34,000.00	J	2,000.0

TABLE 4-11 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
RCRA METALS (continued)						
Zinc (continued)						
TBG08D01	BD3489	880309		48,000.00	J	2,000.0
TBG08D04	BD3490	880309		83,000.00	J	2,000.0
TBG08D06	BD3491	880309		19,000.00	J	2,000.0
TBI12D01	BD3486	880308		84,000.00	J	2,000.0
TBI12D04	BD3487	880308		64,000.00	J	2,000.0
TBI12D06	BD3488	880308		24,000.00	J	2,000.0
TBK01D01	BD3472	880225		60,000.00	J	2,000.0
TBK03D01	BD3481	880301		55,000.00	J	2,000.0
TBK07D06	BD3475	880310		44,000.00	J	2,000.0
TBN40D01	BD3480	880301		50,000.00	J	2,000.0
TBP29D01	BD3483	880307		30,000.00	J	2,000.0
TBP29D04	BD3484	880307		62,000.00	J	2,000.0
TBP29D06	BD3485	880307		23,000.00	J	2,000.0
TBS15D01	BD3471	880225		59,000.00	J	2,000.0
TBS15D04	BD3473	880225		57,000.00	J	2,000.0
OTHER/MISCELLANEOUS COMPOUNDS						
Aluminum						
TBB07D01	BD3495	880310		23,700,000.00	J	14,000.0
TBB07D04	BD3496	880310		15,700,000.00	J	14,000.0
TBB07D06	BD3497	880310		6,340,000.00	J	11,000.0
TBG08D01	BD3489	880309		15,300,000.00	J	14,000.0
TBG08D04	BD3490	880309		22,600,000.00	J	14,000.0
TBG08D06	BD3491	880309		5,570,000.00	J	11,000.0
TBI12D01	BD3486	880308		16,000,000.00	J	14,000.0
TBI12D04	BD3487	880308		14,600,000.00	J	14,000.0
TBI12D06	BD3488	880308		9,600,000.00	J	14,000.0
TBK01D01	BD3472	880225		21,600,000.00	J	19,000.0
TBK03D01	BD3481	880301		11,100,000.00	J	14,000.0
TBK07D06	BD3475	880310		15,700,000.00	J	14,000.0
TBN40D01	BD3480	880301		9,130,000.00	J	14,000.0
TBP29D01	BD3483	880307		9,320,000.00	J	14,000.0
TBP29D04	BD3484	880307		18,900,000.00	J	14,000.0
TBP29D06	BD3485	880307		9,320,000.00	J	14,000.0
TBS15D01	BD3471	880225		15,400,000.00	J	19,000.0
TBS15D04	BD3473	880225		25,800,000.00	J	19,000.0
Beryllium						
TBB07D01	BD3495	880310		280.00	J	140.0
TBB07D04	BD3496	880310		240.00	J	140.0
TBB07D06	BD3497	880310		160.00	J	140.0
TBG08D01	BD3489	880309		190.00	J	140.0
TBG08D06	BD3491	880309		170.00	J	140.0
TBI12D01	BD3486	880308		210.00	J	140.0
TBI12D04	BD3487	880308		160.00	J	140.0
TBI12D06	BD3488	880308		160.00	J	140.0

FRO 001 1050

TABLE 4-11 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS COMPOUNDS (continued)						
Beryllium (continued)						
TBK01D01	BD3472	880225		270.00	J	67.0
TBK03D01	BD3481	880301		160.00	J	140.0
TBK07D06	BD3475	880310		310.00	J	140.0
TBN40D01	BD3480	880301		200.00	J	140.0
TBP29D01	BD3483	880307		200.00	J	140.0
TBP29D04	BD3484	880307		230.00	J	140.0
TBP29D06	BD3485	880307		210.00	J	140.0
TBS15D01	BD3471	880225		200.00	J	67.0
TBS15D04	BD3473	880225		400.00	J	67.0
Calcium						
TBB07D01	BD3495	880310		3,920,000.00	J	27,000.0
TBB07D04	BD3496	880310		2,400,000.00	J	27,000.0
TBB07D06	BD3497	880310		1,500,000.00	J	27,000.0
TBG08D01	BD3489	880309		6,490,000.00	J	27,000.0
TBG08D04	BD3490	880309		3,480,000.00	J	27,000.0
TBG08D06	BD3491	880309		1,200,000.00	J	27,000.0
TBI12D01	BD3486	880308		4,930,000.00	J	27,000.0
TBI12D04	BD3487	880308		1,700,000.00	J	27,000.0
TBI12D06	BD3488	880308		1,400,000.00	J	27,000.0
TBK01D01	BD3472	880225		3,030,000.00	J	13,000.0
TBK03D01	BD3481	880301		5,510,000.00	J	27,000.0
TBK07D06	BD3475	880310		2,300,000.00	J	27,000.0
TBN40D01	BD3480	880301		9,010,000.00	J	27,000.0
TBP29D01	BD3483	880307		2,960,000.00	J	27,000.0
TBP29D04	BD3484	880307		2,200,000.00	J	27,000.0
TBP29D06	BD3485	880307		1,900,000.00	J	27,000.0
TBS15D01	BD3471	880225		2,790,000.00	J	13,000.0
TBS15D04	BD3473	880225		3,010,000.00	J	13,000.0
Cobalt						
TBB07D01	BD3495	880310	BMDL	7,000.00		7,600.0
TBB07D04	BD3496	880310		17,000.00	J	7,600.0
TBB07D06	BD3497	880310	BMDL	5,600.00		7,600.0
TBG08D01	BD3489	880309		8,700.00	J	7,600.0
TBG08D04	BD3490	880309		19,000.00	J	7,600.0
TBG08D06	BD3491	880309	BMDL	4,300.00		7,600.0
TBI12D01	BD3486	880308		13,000.00	J	7,600.0
TBI12D04	BD3487	880308		13,000.00	J	7,600.0
TBI12D06	BD3488	880308	BMDL	5,700.00		7,600.0
TBK01D01	BD3472	880225		11,000.00	J	5,100.0
TBK03D01	BD3481	880301		11,000.00	J	7,600.0
TBK07D06	BD3475	880310		9,100.00	J	7,600.0
TBN40D01	BD3480	880301	BMDL	7,100.00	J	7,600.0
TBP29D01	BD3483	880307	BMDL	7,600.00		7,600.0
TBP29D04	BD3484	880307		14,000.00	J	7,600.0
TBP29D06	BD3485	880307		7,700.00	J	7,600.0
TBS15D01	BD3471	880225		7,800.00	J	5,100.0
TBS15D04	BD3473	880225		8,500.00	J	5,100.0

TABLE 4-11 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS COMPOUNDS (continued)						
Cyanide, Total						
TBB07D01	BD3495	880310		11,500	NA	500.0
TBB07D04	BD3496	880310		2,400	NA	500.0
TBB07D06	BD3497	880310		9,200	NA	500.0
TBG08D01	BD3489	880309		< 500	NA	500.0
TBG08D04	BD3490	880309		< 500	NA	500.0
TBG08D06	BD3491	880309		< 500	NA	500.0
TBI12D01	BD3486	880308		< 500	NA	500.0
TBI12D04	BD3487	880308		< 500	NA	500.0
TBI12D06	BD3488	880308		< 500	NA	500.0
TBK01D01	BD3472	880225		< 500	NA	500.0
TBK03D01	BD3481	880301		< 500	NA	500.0
TBK07D06	BD3475	880310		< 500	NA	500.0
TBN40D01	BD3480	880301		< 500	NA	500.0
TBP29D01	BD3483	880307		< 500	NA	500.0
TBP29D04	BD3484	880307		< 500	NA	500.0
TBP29D06	BD3485	880307		< 500	NA	500.0
TBS15D01	BD3471	880225		< 500	NA	500.0
TBS15D04	BD3473	880225		< 500	NA	500.0
Iron						
TBB07D01	BD3495	880310		26,500,000.00	J	34,000.0
TBB07D04	BD3496	880310		28,100,000.00	J	34,000.0
TBB07D06	BD3497	880310		9,060,000.00	J	34,000.0
TBG08D01	BD3489	880309		24,500,000.00	J	34,000.0
TBG08D04	BD3490	880309		33,000,000.00	J	34,000.0
TBG08D06	BD3491	880309		14,000,000.00	J	34,000.0
TBI12D01	BD3486	880308		26,000,000.00	J	34,000.0
TBI12D04	BD3487	880308		22,900,000.00	J	34,000.0
TBI12D06	BD3488	880308		10,100,000.00	J	34,000.0
TBK01D01	BD3472	880225		33,500,000.00	J	37,000.0
TBK03D01	BD3481	880301		19,300,000.00	J	34,000.0
TBK07D06	BD3475	880310		18,200,000.00	J	34,000.0
TBN40D01	BD3480	880301		17,000,000.00	J	34,000.0
TBP29D01	BD3483	880307		17,600,000.00	J	34,000.0
TBP29D04	BD3484	880307		29,700,000.00	J	34,000.0
TBP29D06	BD3485	880307		19,400,000.00	J	34,000.0
TBS15D01	BD3471	880225		23,700,000.00	J	37,000.0
TBS15D04	BD3473	880225		27,400,000.00	J	37,000.0
Magnesium						
TBB07D01	BD3495	880310		3,230,000.00	J	6,300.0
TBB07D04	BD3496	880310		5,100,000.00	J	6,300.0
TBB07D06	BD3497	880310		2,270,000.00	J	6,300.0
TBG08D01	BD3489	880309		3,520,000.00	J	6,300.0
TBG08D04	BD3490	880309		13,400,000.00	J	6,300.0
TBG08D06	BD3491	880309		1,190,000.00	J	6,300.0
TBI12D01	BD3486	880308		9,940,000.00	J	6,300.0
TBI12D04	BD3487	880308		9,430,000.00	J	6,300.0

FRO 001 1052

TABLE 4-11 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS COMPOUNDS (continued)						
Magnesium (continued)						
TBI12D06	BD3488	880308		1,480,000.00	J	6,300.0
TBK01D01	BD3472	880225		2,180,000.00	J	5,000.0
TBK03D01	BD3481	880301		4,100,000.00	J	6,300.0
TBK07D06	BD3475	880310		2,960,000.00	J	6,300.0
TBN40D01	BD3480	880301		4,100,000.00	J	6,300.0
TBP29D01	BD3483	880307		1,590,000.00	J	6,300.0
TBP29D04	BD3484	880307		9,130,000.00	J	6,300.0
TBP29D06	BD3485	880307		1,660,000.00	J	6,300.0
TBS15D01	BD3471	880225		2,610,000.00	J	5,000.0
TBS15D04	BD3473	880225		3,000,000.00	J	5,000.0
Manganese						
TBB07D01	BD3495	880310		477,000.00	J	670.0
TBB07D04	BD3496	880310		2,410,000.00	J	1,500.0
TBB07D06	BD3497	880310		147,000.00	J	670.0
TBG08D01	BD3489	880309		673,000.00	J	670.0
TBG08D04	BD3490	880309		1,370,000.00	J	1,500.0
TBG08D06	BD3491	880309		76,600.00	J	670.0
TBI12D01	BD3486	880308		1,120,000.00	J	1,500.0
TBI12D04	BD3487	880308		863,000.00	J	1,500.0
TBI12D06	BD3488	880308		74,700.00	J	670.0
TBK01D01	BD3472	880225		930,000.00	J	810.0
TBK03D01	BD3481	880301		564,000.00	J	670.0
TBK07D06	BD3475	880310		289,000.00	J	670.0
TBN40D01	BD3480	880301		568,000.00	J	670.0
TBP29D01	BD3483	880307		458,000.00	J	670.0
TBP29D04	BD3484	880307		1,060,000.00	J	1,500.0
TBP29D06	BD3485	880307		354,000.00	J	670.0
TBS15D01	BD3471	880225		537,000.00	J	780.0
TBS15D04	BD3473	880225		316,000.00	J	780.0
Nickel						
TBB07D01	BD3495	880310		3,100.00	J	2,100.0
TBB07D04	BD3496	880310		2,800.00	J	2,100.0
TBB07D06	BD3497	880310		2,600.00	J	2,100.0
TBG08D01	BD3489	880309		3,000.00	J	2,100.0
TBG08D04	BD3490	880309		2,700.00	J	2,100.0
TBG08D06	BD3491	880309	BMDL	1,200.00	U	2,100.0
TBI12D01	BD3486	880308	BMDL	1,500.00		2,100.0
TBI12D04	BD3487	880308		3,800.00	J	2,100.0
TBI12D06	BD3488	880308	BMDL	1,400.00	U	2,100.0
TBK01D01	BD3472	880225		2,700.00	J	1,700.0
TBK03D01	BD3481	880301	BMDL	1,700.00		2,100.0
TBK07D06	BD3475	880310		3,400.00	J	2,100.0
TBN40D01	BD3480	880301		2,100.00	J	2,100.0
TBP29D01	BD3483	880307	BMDL	1,300.00	U	2,100.0
TBP29D04	BD3484	880307		3,200.00	J	2,100.0
TBP29D06	BD3485	880307	BMDL	1,400.00	U	2,100.0

TABLE 4-11 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS COMPOUNDS (continued)						
Nickel (continued)						
TBS15D01	BD3471	880225		3,500.00	J	1,700.0
TBS15D04	BD3473	880225		3,100.00	J	1,700.0
Potassium						
TBB07D01	BD3495	880310		500,000.00	J	20,000.0
TBB07D04	BD3496	880310		190,000.00	J	20,000.0
TBB07D06	BD3497	880310		360,000.00	J	20,000.0
TBG08D01	BD3489	880309		270,000.00	J	20,000.0
TBG08D04	BD3490	880309		170,000.00	J	20,000.0
TBG08D06	BD3491	880309		120,000.00	J	20,000.0
TBI12D01	BD3486	880308		180,000.00	J	20,000.0
TBI12D04	BD3487	880308		90,000.00	J	20,000.0
TBI12D06	BD3488	880308		330,000.00	J	20,000.0
TBK01D01	BD3472	880225		410,000.00	J	20,000.0
TBK03D01	BD3481	880301		280,000.00	J	20,000.0
TBK07D06	BD3475	880310		500,000.00	J	20,000.0
TBN40D01	BD3480	880301		260,000.00	J	20,000.0
TBP29D01	BD3483	880307		220,000.00	J	20,000.0
TBP29D04	BD3484	880307		150,000.00	J	20,000.0
TBP29D06	BD3485	880307		120,000.00	J	20,000.0
TBS15D01	BD3471	880225		340,000.00	J	20,000.0
TBS15D04	BD3473	880225		310,000.00	J	20,000.0
Sodium						
TBB07D01	BD3495	880310		300,000.00	J	21,000.0
TBB07D04	BD3496	880310		440,000.00	J	21,000.0
TBB07D06	BD3497	880310		220,000.00	J	21,000.0
TBG08D01	BD3489	880309		470,000.00	J	21,000.0
TBG08D04	BD3490	880309		830,000.00	J	21,000.0
TBG08D06	BD3491	880309		230,000.00	J	21,000.0
TBI12D01	BD3486	880308		1,200,000.00	J	21,000.0
TBI12D04	BD3487	880308		1,500,000.00	J	21,000.0
TBI12D06	BD3488	880308		310,000.00	J	21,000.0
TBK01D01	BD3472	880225		370,000.00	J	30,000.0
TBK03D01	BD3481	880301		110,000.00	J	21,000.0
TBK07D06	BD3475	880310		280,000.00	J	21,000.0
TBN40D01	BD3480	880301		120,000.00	J	21,000.0
TBP29D01	BD3483	880307		200,000.00	J	21,000.0
TBP29D04	BD3484	880307		1,100,000.00	J	21,000.0
TBP29D06	BD3485	880307		210,000.00	J	21,000.0
TBS15D01	BD3471	880225		310,000.00	J	30,000.0
TBS15D04	BD3473	880225		690,000.00	J	30,000.0
Sulfate as SO_4 (values in mg/kg)						
TBK08D02	BD3550	880311		92.80	NA	5.0

TABLE 4-11 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS COMPOUNDS (continued)						
Thallium						
TBB07D01	BD3495	880310	ND	120.00	U	2,000.0
TBB07D04	BD3496	880310	ND	130.00	U	2,000.0
TBB07D06	BD3497	880310	ND	140.00	U	2,000.0
TBG08D01	BD3489	880309	ND	21.00	U	2,000.0
TBG08D04	BD3490	880309	ND	22.00	U	2,000.0
TBG08D06	BD3491	880309	ND	23.00	U	2,000.0
TBI12D01	BD3486	880308	ND	120.00	U	2,000.0
TBI12D04	BD3487	880308	ND	130.00	U	2,000.0
TBI12D06	BD3488	880308	ND	130.00	U	2,000.0
TBK03D01	BD3481	880301	ND	23.00	U	2,000.0
TBK07D06	BD3475	880310	ND	140.00	U	2,000.0
TBN40D01	BD3480	880301	ND	130.00	U	2,000.0
TBP29D01	BD3483	880307	ND	24.00	U	2,000.0
TBP29D04	BD3484	880307	ND	22.00	U	2,000.0
TBP29D06	BD3485	880307	ND	130.00	U	2,000.0
Vanadium						
TBB07D01	BD3495	880310		74,000.00	J	3,600.0
TBB07D04	BD3496	880310		76,000.00	J	3,600.0
TBB07D06	BD3497	880310		54,000.00	J	3,600.0
TBG08D01	BD3489	880309		68,000.00	J	3,600.0
TBG08D04	BD3490	880309		74,000.00	J	3,600.0
TBG08D06	BD3491	880309		69,000.00	J	3,600.0
TBI12D01	BD3486	880308		60,000.00	J	3,600.0
TBI12D04	BD3487	880308		53,000.00	J	3,600.0
TBI12D06	BD3488	880308		46,000.00	J	3,600.0
TBK01D01	BD3472	880225		89,000.00	J	2,000.0
TBK03D01	BD3481	880301		57,000.00	J	3,600.0
TBK07D06	BD3475	880310		71,000.00	J	3,600.0
TBN40D01	BD3480	880301		51,000.00	J	3,600.0
TBP29D01	BD3483	880307		53,000.00	J	3,600.0
TBP29D04	BD3484	880307		65,000.00	J	3,600.0
TBP29D06	BD3485	880307		78,000.00	J	3,600.0
TBS15D01	BD3471	880225		62,000.00	J	2,000.0
TBS15D04	BD3473	880225		80,000.00	J	2,000.0
% Solid						
TB29D07	BD3506	880307		81.70	NA	0.0
TBA08D01	BD3516	880305		86.00	NA	0.0
TBA08D02	BD3517	880305		85.80	NA	0.0
TBA08D03	BD3518	880305		93.70	NA	0.0
TBA08D04	BD3519	880305		84.90	NA	0.0
TBA08D05	BD3520	880305		78.90	NA	0.0
TBA08D06	BD3522	880305		77.20	NA	0.0
TBA08D07	BD3523	880305		68.00	NA	0.0
TBB07D01	BD3495	880310		87.50	NA	0.0
TBB07D02	BD3591	880310		89.90	NA	0.0
TBB07D03	BD3592	880310		88.80	NA	0.0

TABLE 4-11 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS COMPOUNDS (continued)						
% Solid (continued)						
TBB07D04	BD3496	880310		85.90	NA	0.0
TBB07D05	BD3593	880310		84.00	NA	0.0
TBB07D06	BD3497	880310		77.40	NA	0.0
TBB07D07	BD3594	880310		75.40	NA	0.0
TBD34D01	BD6635	880315		87.70	NA	0.0
TBD34D02	BD6636	880315		90.60	NA	0.0
TBD34D03	BD6637	880315		90.40	NA	0.0
TBD34D04	BD6639	880315		89.20	NA	0.0
TBD34D05	BD6640	880315		85.80	NA	0.0
TBD34D06	BD6641	880315		77.20	NA	0.0
TBD34D07	BD6642	880315		84.80	NA	0.0
TBE23D01	BD3556	880314		89.70	NA	0.0
TBE23D02	BD3559	880314		88.40	NA	0.0
TBE23D03	BD3560	880314		92.80	NA	0.0
TBE23D04	BD3561	880314		86.30	NA	0.0
TBE23D05	BD3562	880314		77.30	NA	0.0
TBE23D06	BD3563	880314		81.50	NA	0.0
TBE23D07	BD3564	880314		80.00	NA	0.0
TBG08D01	BD3489	880309		89.60	NA	0.0
TBG08D02	BD3543	880309		89.60	NA	0.0
TBG08D03	BD3544	880309		83.70	NA	0.0
TBG08D04	BD3490	880309		86.40	NA	0.0
TBG08D05	BD3546	880309		85.10	NA	0.0
TBG08D06	BD3491	880309		85.00	NA	0.0
TBG08D07	BD3547	880309		77.10	NA	0.0
TBI12D01	BD3486	880308		89.10	NA	0.0
TBI12D02	BD3524	880308		86.80	NA	0.0
TBI12D03	BD3525	880308		82.10	NA	0.0
TBI12D04	BD3487	880308		86.80	NA	0.0
TBI12D05	BD3526	880308		76.40	NA	0.0
TBI12D06	BD3488	880308		83.40	NA	0.0
TBI12D07	BD3527	880308		77.90	NA	0.0
TBJ14D01	BD3548	880311		90.40	NA	0.0
TBJ14D02	BD3549	880311		88.90	NA	0.0
TBJ14D03	BD3551	880311		86.10	NA	0.0
TBJ14D04	BD3552	880311		87.70	NA	0.0
TBJ14D05	BD3553	880311		84.30	NA	0.0
TBJ14D06	BD3554	880311		76.70	NA	0.0
TBJ14D07	BD3555	880311		79.90	NA	0.0
TBK01D01	BD3472	880225		72.30	NA	0.0
TBK02D07	BD3582	880302		79.80	NA	0.0
TBK03D01	BD3481	880301		82.00	NA	0.0
TBK04D06	BD3514	880304		74.40	NA	0.0
TBK05D05	BD3521	880305		78.40	NA	0.0
TBK06D03	BD3545	880309		84.10	NA	0.0
TBK07D06	BD3475	880310		79.10	NA	0.0
TBK08D02	BD3550	880311		93.60	NA	0.0
TBK09D01	BD3557	880314		90.10	NA	0.0

TABLE 4-11 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS COMPOUNDS (continued)						
% Solid (continued)						
TBK10D03	BD6638	880315		90.10	NA	0.0
TBK11D07	BD6643	880315		84.20	NA	0.0
TBN40D01	BD3480	880301		82.40	NA	0.0
TBN40D02	BD3498	880301		85.30	NA	0.0
TBN40D03	BD3499	880301		89.50	NA	0.0
TBN40D04	BD3500	880301		89.50	NA	0.0
TBN40D05	BD3501	880301		87.40	NA	0.0
TBN40D06	BD3482	880301		81.90	NA	0.0
TBN40D07	BD3503	880301		78.10	NA	0.0
TBP29D01	BD3483	880307		80.10	NA	0.0
TBP29D02	BD3504	880307		86.20	NA	0.0
TBP29D03	BD3505	880307		84.40	NA	0.0
TBP29D04	BD3484	880307		86.30	NA	0.0
TBP29D06	BD3485	880307		83.80	NA	0.0
TBP29D08	BD3507	880307		81.10	NA	0.0
TBQ27D01	BD3508	880304		85.50	NA	0.0
TBQ27D02	BD3509	880304		83.70	NA	0.0
TBQ27D03	BD3510	880304		83.20	NA	0.0
TBQ27D04	BD3511	880304		90.40	NA	0.0
TBQ27D05	BD3512	880304		87.90	NA	0.0
TBQ27D06	BD3513	880304		80.20	NA	0.0
TBQ27D07	BD3515	880304		81.90	NA	0.0
TBS15D01	BD3471	880225		73.00	NA	0.0
TBS15D02	BD3570	880225		86.10	NA	0.0
TBS15D03	BD3571	880225		83.10	NA	0.0
TBS15D04	BD3473	880225		73.10	NA	0.0
TBS15D05	BD3572	880225		81.50	NA	0.0
TBS15D07	BD3574	880225		75.70	NA	0.0
TBX12D01	BD3575	880302		86.50	NA	0.0
TBX12D02	BD3576	880302		87.90	NA	0.0
TBX12D03	BD3577	880302		86.60	NA	0.0
TBX12D04	BD3578	880302		84.40	NA	0.0
TBX12D05	BD3579	880302		83.70	NA	0.0
TBX12D06	BD3580	880302		84.40	NA	0.0
TBX12D07	BD3581	880302		79.50	NA	0.0

J - Estimated
NA - Not applicable
R - Data rejected by data validation team
U - Not detected, associated value below the Sample Quantitation Limit
UJ - Not detected, associated value is estimated and is below the Sample Quantitation Limit
UR - Value is below Sample Quantitation Limit; data rejected by data validation team

TABLE 4-12

HSL Data Summary for Ciudad Cristiana Subsurface Soil Samples
(MDL = 80; values in ug/kg)

Sample Program: Test Boring Subsurface Soil (TB Subsurf)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
Volatile Organic Compounds						
ACETONE	11	11	11	26.2	247	94.8
METHYL ETHYL KETONE	11	2	2	0	45	33
METHYLENE CHLORIDE	11	9	9	0	44.4	20.9
Acid Extractables						
2-CHLOROPHENOL	9	1	0	0	BMDL	90.4
PHENOL	9	1	0	0	BMDL	87.3
RCRA Metals						
ARSENIC	9	8	0	0	BMDL	417
BARIUM	9	9	9	74,100	402,000	144,072
CADMIUM	9	4	0	0	BMDL	96
CHROMIUM	9	9	8	BMDL	9,600	5,328
COPPER	9	9	9	13,000	39,000	26,278
LEAD	9	8	8	0	4,700	2,431
SELENIUM	9	3	0	0	ND	133
SILVER	9	2	0	0	BMDL	405
ZINC	9	9	9	19,000	83,000	46,667
Other/Miscellaneous Compounds						
ALUMINUM	9	9	9	5,570,000	25,800,000	14,790,000
BERYLLIUM	9	8	8	0	400	226
CALCIUM	9	9	9	1,200,000	3,480,000	2,132,222
COBALT	9	9	6	BMDL	19,000	10,728
CYANIDE	9	9	2	< 500	9,200	1,194
IRON	9	9	9	10,100,000	33,000,000	22,025,555
MAGNESIUM	9	9	9	1,190,000	13,400,000	5,222,778
MANGANESE	9	9	9	74,700	2,410,000	749,144
NICKEL	9	9	6	BMDL	3,800	2,511
POTASSIUM	9	9	9	90,000	430,000	212,222
SODIUM	9	9	9	210,000	1,500,000	617,778
SULFATE (AS SO_4)	1	1	1	92.8	92.8	92.8
THALLIUM	9	8	0	0	ND	91
VANADIUM	9	9	9	46,000	80,000	67,056
% SOLID	71	71	-	68	93.7	83.8

* Based on all samples with a concentration or estimated concentration greater than zero. Includes samples which are listed as BMDL (below method detection limit) or ND (not detected).

TABLE 4-13

HSL Data for Background Subsurface Soil Samples
(values in ug/kg)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
VOLATILE ORGANIC COMPOUNDS						
Acetone						
TBBG2D01	BD3477	880222		37.20	UJ	4.8
TBBG2D04	BD3478	880222		235	J	5.6
TBBG2D06	BD3479	880222		56.40	UJ	5.1
TBBG4D01	BD3492	880224		42.40		5.0
TBBG4D04	BD3493	880224		40	J	4.8
TBBG4D06	BD3494	880224		212	J	6.1
Chloroform						
TBBG2D01	BD3477	880222	BMDL	3.71	UJ	4.8
TBBG2D04	BD3478	880222	BMDL	4.19	UJ	5.6
TBBG2D06	BD3479	880222	BMDL	3.79	UJ	5.1
TBBG4D04	BD3493	880224	BMDL	3.25	U	4.8
Methyl ethyl ketone						
TBBG2D01	BD3477	880222		23.50	J	4.8
TBBG2D04	BD3478	880222		89.70	J	5.6
TBBG2D06	BD3479	880222		18.10	J	5.1
TBBG4D01	BD3492	880224		18.50		5.0
TBBG4D04	BD3493	880224		22		4.8
Methylene chloride						
TBBG2D01	BD3477	880222		11.80	UJ	4.8
TBBG2D04	BD3478	880222		28	UJ	5.6
TBBG2D06	BD3479	880222		12.20	UJ	5.1
TBBG4D01	BD3492	880224		10.50		5.0
TBBG4D04	BD3493	880224		8.77		4.8
TBBG4D06	BD3494	880224		23.90	J	6.1
Toluene						
TBBG2D01	BD3477	880222	BMDL	4.69	UJ	4.8
TBBG2D04	BD3478	880222		6.18	J	5.6
TBBG2D06	BD3479	880222	BMDL	4.86	UJ	5.1
TBBG4D01	BD3492	880224		5.41	U	5.0
TBBG4D04	BD3493	880224	BMDL	4.36	U	4.8
Trichloroethylene						
TBBG2D04	BD3478	880222		8.19	J	5.6
RCRA METALS						
Arsenic						
TBBG2D01	BD3477	880222	BMDL	1,500		2,000.0
TBBG2D04	BD3478	880222	BMDL	1,100		2,000.0

TABLE 4-13 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
RCRA METALS (continued)						
Arsenic (continued)						
TBBG2D06	BD3479	880222	BMDL	970		2,000.0
TBBG4D01	BD3492	880224	BMDL	1,400		2,000.0
TBBG4D04	BD3493	880224	BMDL	710		2,000.0
TBBG4D06	BD3494	880224	BMDL	690		2,000.0
Barium						
TBBG2D01	BD3477	880222		114,000	J	340.0
TBBG2D04	BD3478	880222		82,200	J	340.0
TBBG2D06	BD3479	880222		67,100	J	340.0
TBBG4D01	BD3492	880224		187,000	J	340.0
TBBG4D04	BD3493	880224		161,000	J	340.0
TBBG4D06	BD3494	880224		173,000	J	340.0
Cadmium						
TBBG2D01	BD3477	880222	ND	43	U	720.0
TBBG2D04	BD3478	880222	ND	20	U	720.0
TBBG4D01	BD3492	880224	ND	1.30	U	720.0
Chromium						
TBBG2D01	BD3477	880222		12,000		2,800.0
TBBG2D04	BD3478	880222		6,500	J	2,800.0
TBBG2D06	BD3479	880222		9,200	J	2,800.0
TBBG4D01	BD3492	880224		7,300	J	2,800.0
TBBG4D04	BD3493	880224		8,700	J	2,800.0
TBBG4D06	BD3494	880224		11,000	J	2,800.0
Copper						
TBBG2D01	BD3477	880222		30,000	J	1,900.0
TBBG2D04	BD3478	880222		18,000	J	1,900.0
TBBG2D06	BD3479	880222		33,000	J	1,900.0
TBBG4D01	BD3492	880224		33,000	J	1,900.0
TBBG4D04	BD3493	880224		29,000	J	1,900.0
TBBG4D06	BD3494	880224		30,000	J	1,900.0
Lead						
TBBG2D01	BD3477	880222		10,000	J	2,000.0
TBBG2D04	BD3478	880222		2,500	J	1,000.0
TBBG2D06	BD3479	880222		2,600	J	2,000.0
TBBG4D01	BD3492	880224		6,100	J	2,000.0
TBBG4D04	BD3493	880224		3,500	J	2,000.0
TBBG4D06	BD3494	880224		1,700	J	1,000.0
Selenium						
TBBG2D01	BD3477	880222	ND	31	U	1,000.0
TBBG2D04	BD3478	880222	ND	180	U	1,000.0
TBBG4D01	BD3492	880224	ND	150	U	1,000.0
TBBG4D04	BD3493	880224	ND	150	U	1,000.0

TABLE 4-13 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
RCRA METALS (continued)						
Silver						
TBBG4D04	BD3493	880224	ND	210	U	1,900.0
Zinc						
TBBG2D01	BD3477	880222		64,000	J	2,000.0
TBBG2D04	BD3478	880222		49,000	J	2,000.0
TBBG2D06	BD3479	880222		86,000	J	2,000.0
TBBG4D01	BD3492	880224		70,000	J	2,000.0
TBBG4D04	BD3493	880224		60,000	J	2,000.0
TBBG4D06	BD3494	880224		72,000	J	2,000.0
OTHER/MISCELLANEOUS COMPOUNDS						
Aluminum						
TBBG2D01	BD3477	880222		18,500,000	J	19,000.0
TBBG2D04	BD3478	880222		14,400,000	J	19,000.0
TBBG2D06	BD3479	880222		23,900,000	J	19,000.0
TBBG4D01	BD3492	880224		23,600,000	J	19,000.0
TBBG4D04	BD3493	880224		19,500,000	J	19,000.0
TBBG4D06	BD3494	880224		21,700,000	J	19,000.0
Beryllium						
TBBG2D01	BD3477	880222		350	J	67.0
TBBG2D04	BD3478	880222		240	J	67.0
TBBG2D06	BD3479	880222		430	J	67.0
TBBG4D01	BD3492	880224		280	J	67.0
TBBG4D04	BD3493	880224		280	J	67.0
TBBG4D06	BD3494	880224		340	J	67.0
Calcium						
TBBG2D01	BD3477	880222		2,160,000	J	13,000.0
TBBG2D04	BD3478	880222		1,690,000	J	13,000.0
TBBG2D06	BD3479	880222		2,390,000	J	13,000.0
TBBG4D01	BD3492	880224		4,630,000	J	13,000.0
TBBG4D04	BD3493	880224		2,580,000	J	13,000.0
TBBG4D06	BD3494	880224		2,570,000	J	13,000.0
Cobalt						
TBBG2D01	BD3477	880222		50,000	J	5,100.0
TBBG2D04	BD3478	880222		15,000	J	5,100.0
TBBG2D06	BD3479	880222		15,000	J	5,100.0
TBBG4D01	BD3492	880224		16,000	J	5,100.0
TBBG4D04	BD3493	880224		15,000	J	5,100.0
TBBG4D06	BD3494	880224		7,900	J	5,100.0

TABLE 4-13 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS COMPOUNDS (continued)						
Cyanide, Total						
TBBG2D01	BD3477	880222		< 500	NA	500.0
TBBG2D04	BD3478	880222		< 500	NA	500.0
TBBG2D06	BD3479	880222		< 500	NA	500.0
TBBG4D01	BD3492	880224		< 500	NA	500.0
TBBG4D04	BD3493	880224		< 500	NA	500.0
TBBG4D06	BD3494	880224		< 500	NA	500.0
Iron						
TBBG2D01	BD3477	880222		43,700,000	J	37,000.0
TBBG2D04	BD3478	880222		33,500,000	J	37,000.0
TBBG2D06	BD3479	880222		50,600,000	J	37,000.0
TBBG4D01	BD3492	880224		39,800,000	J	37,000.0
TBBG4D04	BD3493	880224		41,100,000	J	37,000.0
TBBG4D06	BD3494	880224		41,800,000	J	37,000.0
Magnesium						
TBBG2D01	BD3477	880222		3,150,000	J	5,000.0
TBBG2D04	BD3478	880222		2,350,000	J	5,000.0
TBBG2D06	BD3479	880222		3,930,000	J	5,000.0
TBBG4D01	BD3492	880224		6,990,000	J	5,000.0
TBBG4D04	BD3493	880224		7,680,000	J	5,000.0
TBBG4D06	BD3494	880224		7,810,000	J	5,000.0
Manganese						
TBBG2D01	BD3477	880222		1,630,000	J	810.0
TBBG2D04	BD3478	880222		512,000	J	780.0
TBBG2D06	BD3479	880222		853,000	J	810.0
TBBG4D01	BD3492	880224		1,090,000	J	810.0
TBBG4D04	BD3493	880224		1,130,000	J	810.0
TBBG4D06	BD3494	880224		603,000	J	780.0
Nickel						
TBBG2D01	BD3477	880222		7,000	J	1,700.0
TBBG2D04	BD3478	880222		1,900	J	1,700.0
TBBG2D06	BD3479	880222		4,200	J	1,700.0
TBBG4D01	BD3492	880224		4,100	J	1,700.0
TBBG4D04	BD3493	880224		3,800	J	1,700.0
TBBG4D06	BD3494	880224		4,400	J	1,700.0
Potassium						
TBBG2D01	BD3477	880222		500,000	J	20,000.0
TBBG2D04	BD3478	880222		190,000	J	20,000.0
TBBG2D06	BD3479	880222		390,000	J	20,000.0
TBBG4D01	BD3492	880224		750,000	J	20,000.0
TBBG4D04	BD3493	880224		300,000	J	20,000.0
TBBG4D06	BD3494	880224		280,000	J	20,000.0

TABLE 4-13 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS COMPOUNDS (continued)						
Sodium						
TBBG2D01	BD3477	880222		160,000	J	30,000.0
TBBG2D04	BD3478	880222		160,000	J	30,000.0
TBBG2D06	BD3479	880222		240,000	J	30,000.0
TBBG4D01	BD3492	880224		150,000	J	30,000.0
TBBG4D04	BD3493	880224		160,000	J	30,000.0
TBBG4D06	BD3494	880224		270,000	J	30,000.0
Vanadium						
TBBG2D01	BD3477	880222		110,000	J	2,000.0
TBBG2D04	BD3478	880222		97,000	J	2,000.0
TBBG2D06	BD3479	880222		130,000	J	2,000.0
TBBG4D01	BD3492	880224		100,000	J	2,000.0
TBBG4D04	BD3493	880224		100,000	J	2,000.0
TBBG4D06	BD3494	880224		96,000	J	2,000.0
% Solid						
TBBG1D01	BD3539	880219		75.40	NA	0.0
TBBG1D02	BD3538	880219		79.10	NA	0.0
TBBG1D03	BD3542	880219		75.60	NA	0.0
TBBG1D04	BD3531	880219		71.80	NA	0.0
TBBG1D05	BD3530	880219		79.50	NA	0.0
TBBG1D06	BD3535	880219		79.60	NA	0.0
TBBG1D07	BD3534	880219		79.20	NA	0.0
TBBG2D01	BD3477	880222		79.40	NA	0.0
TBBG2D02	BD3528	880222		85.10	NA	0.0
TBBG2D03	BD3529	880222		71.40	NA	0.0
TBBG2D04	BD3478	880222		71.30	NA	0.0
TBBG2D05	BD3532	880222		70.80	NA	0.0
TBBG2D06	BD3479	880222		82.60	NA	0.0
TBBG2D07	BD3533	880222		81.80	NA	0.0
TBBG3D01	BD3536	880223		87.20	NA	0.0
TBBG3D02	BD3537	880223		85.10	NA	0.0
TBBG3D03	BD3540	880223		82.70	NA	0.0
TBBG3D04	BD3541	880223		86.30	NA	0.0
TBBG3D05	BD3583	880223		86.20	NA	0.0
TBBG3D06	BD3584	880223		86.40	NA	0.0
TBBG3D07	BD3585	880223		86.40	NA	0.0
TBBG4D01	BD3492	880224		83.60	NA	0.0
TBBG4D02	BD3586	880224		84.20	NA	0.0
TBBG4D03	BD3587	880224		83.70	NA	0.0
TBBG4D04	BD3493	880224		84	NA	0.0
TBBG4D05	BD3588	880224		83.70	NA	0.0
TBBG4D06	BD3494	880224		86.60	NA	0.0
TBBG4D07	BD3590	880224		88.50	NA	0.0
TBBG5D01	BD3565	880316		86.60	NA	0.0
TBBG5D02	BD3566	880316		84.30	NA	0.0
TBBG5D03	BD3567	880316		82.90	NA	0.0

TABLE 4-13 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS COMPOUNDS (continued)						
% Solid (continued)						
TBBG5D04	BD3568	880316		86.20	NA	0.0
TBBG5D05	BD3569	880316		92.70	NA	0.0
TBBG5D06	BD6644	880316		90.50	NA	0.0
TBBG5D07	BD6645	880316		84.60	NA	0.0

J - Estimated
NA - Not applicable
R - Data rejected by data validation team
U - Not detected, associated value below the Sample Quantitation Limit
UJ - Not detected, associated value is estimated and is below the Sample Quantitation Limit
UR - Value is below Sample Quantitation Limit; data rejected by data validation team

FRO 001 1064

TABLE 4-14

ESL Data Summary for Background Subsurface Soil Samples
(values in ug/kg)

Sample Program: Test Boring and Industrial Background Subsurface Soil (TBBG Subsurf and ISBG Subsurf)

Parameter	N	N>0	N≥MDL	Min	Max	Avg*
TBBG Subsurf						
Volatile Organic Compounds						
ACETONE	4	4	4	40	235	136
CHLOROFORM	4	3	0	0	BMDL	3.74
METHYL ETHYL KETONE	4	3	3	0	89.7	43.3
METHYLENE CHLORIDE	4	4	4	8.77	28	18.22
TOLUENE	4	3	1	0	6.18	5.13
TRICHLOROETHYLENE	4	1	1	0	8.19	8.19
RCRA Metals						
ARSENIC	4	4	0	BMDL	BMDL	868
BARIUM	4	4	4	67,100	173,000	120,825
CADMIUM	4	1	0	0	ND	20
CHROMIUM	4	4	4	6,500	11,000	8,850
COPPER	4	4	4	18,000	33,000	27,500
LEAD	4	4	4	1,700	3,500	2,575
SELENIUM	4	2	0	0	ND	165
SILVER	4	1	0	0	ND	210
ZINC	4	4	4	49,000	86,000	66,750
Other/Miscellaneous Compounds						
ALUMINUM	4	4	4	14,400,000	23,900,000	19,875,000
BERYLLIUM	4	4	4	240	430	323
CALCIUM	4	4	4	1,690,000	2,580,000	2,307,500
COBALT	4	4	4	7,900	15,000	13,225
CYANIDE	4	4	0	< 500	< 500	< 500
IRON	4	4	4	33,500,000	50,600,000	41,750,000
MAGNESIUM	4	4	4	2,350,000	7,810,000	5,442,500
MANGANESE	4	4	4	512,000	1,130,000	774,500
NICKEL	4	4	4	1,900	4,400	3,575
POTASSIUM	4	4	4	190,000	390,000	290,000
SODIUM	4	4	4	160,000	270,000	207,500
VANADIUM	4	4	4	96,000	130,000	105,750
% SOLID						
TBBG Subsurf	30	30	-	70.8	92.7	82.4
ISBG Subsurf	9	9	-	79.8	88.9	83.4
Total	39	39	-	70.8	92.7	82.7

* Based on all samples with a concentration or estimated concentration greater than zero. Includes samples which are listed as BMDL (below method detection limit) or ND (not detected).

TABLE 4-15

Summary of USGS Data on RCRA Metal Concentrations
in Surficial Materials of the Conterminous United States
(values in ug/kg)

Parameter	Concentration			Arithmetic Average	Number of Samples
	Minimum	Maximum	Geo. Mean		
ARSENIC	<100	97,000	5,200	7,200	1,257
BARIUM	10,000	1,500,000	440,000	580,000	1,319
CADMIUM*	-	-	-	-	-
CHROMIUM	1,000	2,000,000	37,000	54,000	1,319
COPPER	<10,000	700,000	17,000	25,000	-
LEAD	<1,000	700,000	16,000	19,000	1,319
SELENIUM	<100	4,300	260	390	1,267
SILVER *	-	-	-	-	-
ZINC	<5,000	2,900,000	48,000	60,000	1,248

* No data reported for these parameters

Source: USGS, 1984

TABLE 4-16

Summary of USGS Data on Non-RCRA Inorganic Metal Concentrations
in Surficial Materials of the Conterminous United States
(values in mg/kg)

Parameter	Concentration			Arithmetic Mean	Number of Samples
	Minimum	Maximum	Geo. Mean		
ALUMINUM	700	<100,000	47,000	72,000	1,257
ANTIMONY	<1	10	0.48	-	354
BERYLLIUM	<1	15	0.63	0.92	1,303
CALCIUM	100	320,000	9,200	24,000	1,291
COBALT	<3	70	6.7	9.10	1,311
CYANIDE, TOTAL*	-	-	-	-	-
IRON	100	>100,000	18,000	26,000	1,317
MAGNESIUM	50	>100,000	4,400	9,000	1,306
MANGANESE	<2	7,000	330	550	1,317
NICKEL	<5	700	13.0	19.0	1,318
POTASSIUM	50	63,000	-	15,000	1,314
SODIUM	<500	100,000	5,900	12,000	1,193
THALLIUM *	-	-	-	-	-
VANADIUM	<7	500	58.0	80	1,319

* No data reported for these parameters

Source: USGS, 1984

TABLE 4-17

Mercury Data for Industrial Soil Samples
(MDL = 80; values in ug/kg)

Dynamac Number	ETC Number	Date	Total Mercury Lab Qual	Total Mercury Value	Total Mercury QA Qual	Inorganic Mercury Lab Qual	Inorganic Mercury Value	Inorganic Mercury QA Qual
Alcon								
ISALCN01A	BE6177	880614		114			101	J
ISALCN01B	BE6100	880614	ND	0	UJ	ND	0	U
ISALCN02A	BE6178	880614		120	J		99	UJ
ISALCN02B	BE6104	880614	ND	0	UJ			
ISALCN02C	BE6105	880614	BMDL	55	U			
ISALCN03A	BE6176	880614		1300	J		468	
ISALCN03B	BE6099	880614	ND	0	UJ			
ISALCN04A	BE6175	880614	BMDL	52	UJ			
ISALCN05A	BE6102	880614		104	J			
ISALCN06A	BE6095	880614		97	UJ			
ISALCN07A	BE6103	880614	BMDL	71	UJ			
ISALCN08A	BE6097	880614		87	UJ			
ISALCN09A	BE6096	880614	ND	0	UJ			
ISALCN10A	BE6094	880614		356	J			
ISALCNA08	BE6098	880614		154	J			
ISALCNB01	BE6101	880614	BMDL	45	UJ	ND	0	U
Colorcon								
ISCLCN01A	CA0844	890524	ND	0	U			
ISCLCN02A	CA0845	890524		100	U			
ISCLCN02B	CA0825	890524	BMDL	73	U	ND	0	U
ISCLCN02C	CA0879	890524	BMDL	47	U	ND	0	U
ISCLCN03A	CA0824	890524	BMDL	66	U	ND	0	U
ISCLCN04A	CA0827	890524	BMDL	60	U			
ISCLCN04B	CA0828	890524	BMDL	47	U			
ISCLCN04C	CA0829	890524	ND	0	U			
ISCLCN05A	CA0871	890524	BMDL	45	U			
ISCLCNB02	CA0826	890524	BMDL	48	U	ND	0	U
Dentco								
ISDENT01A	BH8775	890122		550				
ISDENT01B	BH8812	890122		250			128	J
ISDENT01C	BH8813	890122		117		BMDL	48	U
ISDENT02A	BH8799	890121		226				
ISDENT03A	BH8800	890121		91	U			
ISDENT04A	BH8801	890121		300				
ISDENT05A	BH8803	890121		103	U			
ISDENT06A	BH8804	890121	BMDL	55	U			
ISDENT07A	BH8776	890122		110		BMDL	64	U
ISDENT07B	BH8814	890122	BMDL	68	U			
ISDENT07C	BH8815	890122	BMDL	79	U			
ISDENT08A	BH8777	890122		160				
ISDENT09A	BH8778	890122		480			384	
ISDENT09B	BH8816	890122		184				
ISDENT10A	BH8805	890121		89	U			
ISDENTA05	BH8802	890121		101	U			

TABLE 4-17 (continued)

Dynamac Number	ETC Number	Date	Total Mercury Lab Qual	Total Mercury Value	Total Mercury QA Qual	Inorganic Mercury Lab Qual	Inorganic Mercury Value	Inorganic Mercury QA Qual
Denver Chemical								
ISDENV01A	CA1120	890713	ND	0	UJ			
ISDENV02A	CA1121	890713	ND	0	UJ			
ISDENV03A	CA1112	890713	ND	0	UJ	ND	0	UJ
ISDENV03B	CA1113	890713	ND	0	UJ	ND	0	UJ
ISDENV03C	CA1114	890713	ND	0	UJ	BMDL	62	UJ
ISDENV04A	CA1115	890713	ND	0	UJ			
ISDENV04B	CA1116	890713	ND	0	UJ			
ISDENV04C	CA1117	890713	ND	0	UJ			
ISDENV05A	CA1118	890713		107	J			
ISDENVA05	CA1119	890713		126	J			
Esplas								
ISESPS01A	BE6194	880826	BMDL	58	U			
ISESPS02A	BE9329	880826		82				
ISESPS03A	BE6139	880826	BMDL	56	UJ	BMDL	51	U
ISESPS03B	BE6140	880826	BMDL	68	UJ	BMDL	63	U
ISESPS03C	BE6141	880826	BMDL	69	UJ	BMDL	64	U
ISESPS04A	BE6149	880826	BMDL	56	UJ			
ISESPS04B	BE6150	880826	BMDL	44	UJ			
ISESPS04C	BE6151	880826	BMDL	39	UJ			
ISESPS05A	BE6147	880826	BMDL	63	UJ			
ISESPSA01	BE6195	880826	BMDL	49	U			
ISESPSC03	BE6142	880826	BMDL	58	UJ	BMDL	72	U
Humacao Industrial Park Wastewater Treatment Plant								
ISHWTP01A	CA1148	890720		260	**		149	J
ISHWTP01B	CA1124	890720		92	U		92	U
ISHWTP01C	CA1125	890720		114	*		187	*
ISHWTP02A	CA1149	890720		150	**		162	J
ISHWTP02B	CA1127	890720	BMDL	74	U	BMDL	48	U
ISHWTP02C	CA1128	890720	BMDL	59	U	ND	0	U
ISHWTP03A	CA1150	890712		320			308	
ISHWTP03B	CA1129	890712	ND	0	UJ	ND	0	UJ
ISHWTP04A	CA1151	890712	ND	0	U	ND	0	U
ISHWTP04B	CA1130	890712	ND	0	UJ			
ISHWTP04C	CA1131	890712	ND	0	UJ			
ISHWTP05A	CA1152	890720		180	**		166	J
ISHWTP05B	CA1132	890720	BMDL	75	UJ			
ISHWTP05C	CA1133	890720	BMDL	64	UJ			
ISHWTP06A	CA1153	890712		210				
ISHWTP06B	CA1134	890713	BMDL	63	UJ	ND	0	UJ
ISHWTP07A	CA1154	890720		1700	**			
ISHWTP08A	CA1155	890720		830	**			
ISHWTP09A	CA1135	890720		100	U			
ISHWTP10A	CA1136	890720		117				
ISHWTP11A	CA1138	890720		1005				
ISHWTP12A	CA1139	890720	BMDL	74	U			
ISHWTP13A	CA1140	890712		1831	J			

TABLE 4-17 (continued)

Dynamac Number	ETC Number	Date	Total Mercury Lab Qual	Total Mercury Value	Total Mercury QA Qual	Inorganic Mercury Lab Qual	Inorganic Mercury Value	Inorganic Mercury QA Qual
Humacao Industrial Park Wastewater Treatment Plant (continued)								
ISHWTP14A	CA1141	890712		1004	J			
ISHWTP15A	CA1142	890712		84	UJ			
ISHWTP16A	CA1143	890720	BMDL	71	U			
ISHWTP17A	CA1144	890712	ND	0	UJ			
ISHWTP18A	CA1145	890712		277	J			
ISHWTP19A	CA1146	890720		534				
ISHWTP20A	CA1147	890720		5880				
ISHWTPA02	CA1156	890720		100	U **	BMDL	103	UJ
ISHWTPA10	CA1137	890720		167			120	
ISHWTPC01	CA1126	890720		153			149	
Owens-Illinois								
ISOWNS01A	CA0841	890523		95				
ISOWNS01B	CA0817	890523	BMDL	53	U	ND	0	U
ISOWNS02A	CA0842	890523	BMDL	64	U			
ISOWNS03A	CA0816	890522		142			104	
ISOWNS04A	CA0819	890522	BMDL	66	U			
ISOWNS04B	CA0820	890522	ND	0	U			
ISOWNS05A	CA0822	890522	BMDL	45	U			
PCR								
ISPCR01A	CA0878	890524	BMDL	42	U			
ISPCR02A	CA0886	890524		170	J			
ISPCR03A	CA0872	890524	BMDL	47	U	ND	0	U
ISPCR03B	CA0873	890524	BMDL	46	U	ND	0	U
ISPCR04A	CA0875	890524	BMDL	69	U			
ISPCR04B	CA0876	890524	BMDL	68	U			
ISPCR04C	CA0877	890524	BMDL	47	U			
ISPCR05A	CA0885	890524		110				
ISPCRA02	CA0887	890525		150				
Peerless								
ISPEER01A	BE6167	880607		105				
ISPEER02A	BE6168	880607		110				
ISPEER03A	BE6086	880607		179	J		164	
ISPEER03B	BE6088	880607	BMDL	65	UJ	BMDL	55	UJ
ISPEER03C	BE6089	880607	BMDL	58	UJ	BMDL	74	U
ISPEER04A	BE6083	880607	BMDL	62	UJ			
ISPEER04B	BE6084	880607	BMDL	50	UJ			
ISPEER04C	BE6085	880607	ND	0	UJ			
ISPEER05A	BE6082	880607	ND	0	UJ			
ISPEERA03	BE6087	880607		158	J		138	

FRO 001 1070

TABLE 4-17 (continued)

Dynamac Number	ETC Number	Date	Total Mercury Lab Qual	Total Mercury Value	Total Mercury QA Qual	Inorganic Mercury Lab Qual	Inorganic Mercury Value	Inorganic Mercury QA Qual
Reedco								
ISREED01A	BH8806	890121		89	U			
ISREED02A	BH8808	890121		138				
ISREED03A	BH8770	890122		100	U	BMDL	61	U
ISREED03B	BH8793	890122	ND	0	U	ND	0	U
ISREED03C	BH8794	890122	BMDL	55	U	ND	0	U
ISREED04A	BH8809	890121		102	U			
ISREED05A	BH8810	890121		93	U			
ISREED06A	BH8771	890122	BMDL	72	U	BMDL	72	U
ISREED06B	BH8795	890122		95	U			
ISREED06C	BH8796	890122	ND	0	U			
ISREED07A	BH8773	890122	BMDL	70	U			
ISREED08A	BH8774	890122		130	J		97	
ISREED08B	BH8797	890122		92	U			
ISREED09A	BH8811	890121		99	U			
ISREED10A	BH8792	890121		127				
ISREEDA01	BH8807	890121		88	U			
ISREEDA06	BH8772	890123		87	U	BMDL	64	U
Squibb								
ISSQBB01A	CA0830	890523	ND	0	U	ND	0	UJ
ISSQBB02A	CA0832	890523		400	J		422	J
ISSQBB02B	CA0809	890523		105	J	ND	0	U **
ISSQBB02C	CA0810	890523	ND	0	UJ	ND	0	U **
ISSQBB03A	CA0833	890523	BMDL	45	U	BMDL	44	UJ
ISSQBB03B	CA0811	890523		216	J		263	**
ISSQBB03C	CA0813	890523	BMDL	70	UJ	ND	0	U **
ISSQBB04A	CA0834	890523		840			721	J
ISSQBB04B	CA0814	890523	BMDL	38	UJ	ND	0	U **
ISSQBB04C	CA0815	890523	BMDL	63	UJ	ND	0	U **
ISSQBBA01	CA0831	890523	ND	0	U	ND	0	UJ
ISSQBBB03	CA0812	890523		216	J		165	**
Technicon								
ISTECH01A	BE6187	880616		160	J		108	J
ISTECH01B	BE6127	880616	ND	0	UJ	BMDL	48	UJ
ISTECH01C	BE6128	880616	ND	0	UJ	BMDL	48	UJ
ISTECH02A	BE6179	880615		5600	J		7000	J
ISTECH02B	BE6106	880615		5900			2640	J
ISTECH02C	BE6107	880615		1720			812	J
ISTECH03A	BE6180	880615		420	J		423	J
ISTECH03B	BE6108	880615	BMDL	77	U	BMDL	76	U
ISTECH03C	BE6109	880615		92	U	ND	0	UJ
ISTECH04A	BE6181	880615		1400	J		591	J
ISTECH04B	BE6111	880615		1160				
ISTECH04C	BE6112	880615		1430				
ISTECH05A	BE6183	880615		9700				
ISTECH06A	BE6182	880615		535000				
ISTECH07A	BE6185	880616		260	J			

TABLE 4-17 (continued)

Dynamac Number	ETC Number	Date	Total Mercury Lab Qual	Total Mercury Value	Total Mercury QA Qual	Inorganic Mercury Lab Qual	Inorganic Mercury Value	Inorganic Mercury QA Qual
Technicon (continued)								
ISTECH08A	BE6184	880615		110	J		120	J
ISTECH08B	BE6125	880615	ND	0	U			
ISTECH08C	BE6126	880615	ND	0	U			
ISTECH09A	BE6115	880615		1150				
ISTECH10A	BE6116	880615		2900	J			
ISTECH11A	BE6117	880615		18300	J			
ISTECH12A	BE6121	880615		583				
ISTECH13A	BE6122	880615		284				
ISTECH14A	BE6123	880615		827				
ISTECH15A	BE6124	880615		30600				
ISTECH16A	BE6113	880615		17400				
ISTECH17A	BE6129	880616		104				
ISTECH18A	BE6130	880616		135				
ISTECH19A	BE6131	880616	BMDL	62	U			
ISTECH20A	BE6132	880616	BMDL	69	U			
ISTECHA07	BE6186	880616		220	J			
ISTECHA16	BE6114	880615		21400				
ISTECHB02	BE6110	880615		5450	J		1320	
WJK								
ISWJKC01A	CA1174	890714		160				
ISWJKC02A	CA1175	890714	BMDL	52	UJ			
ISWJKC03A	CA1166	890714	BMDL	57	UJ	ND	0	UJ
ISWJKC03B	CA1167	890714	ND	0	UJ	ND	0	UJ
ISWJKC04A	CA1170	890714	BMDL	57	UJ			
ISWJKC04B	CA1171	890714	ND	0	UJ			
ISWJKC04C	CA1172	890714	ND	0	UJ			
ISWJKC05A	CA1173	890714	ND	0	UJ			
ISWJKCB03	CA1168	890714	ND	0	UJ	ND	0	UJ
Runoff Sample								
ISRUOFF01A	BH8798	890123	BMDL	83	U			
Squibb Sediment Samples (storm sewers)								
ISSBSED04	CA0838	890523	ND	0	U	ND	0	UJ
ISSBSED06	CA0839	890525	BMDL	40	U			

FRO 001 1072

TABLE 4-17 (continued)

Dynamac Number	ETC Number	Date	Total Mercury Lab Qual	Total Mercury Value	Total Mercury QA Qual	Inorganic Mercury Lab Qual	Inorganic Mercury Value	Inorganic Mercury QA Qual
Squibb Water Samples (storm sewers) (MDL = 0.2; ug/l)								
ISSBSED01	CA0835	890525		0.74	J		0.52	**
ISSBSED02	CA1106	890713	BMDL	0.11	U			
ISSBSED03	CA1107	890713	ND	0	U			
ISSBSED05	CA1108	890713	BMDL	0.11	U			

J - Estimated
U - Not detected, associated value below the Sample Quantitation Limit
UJ - Not detected, associated value is estimated and is below the Sample Quantitation Limit
UR - Value is below Sample Quantitation Limit; data rejected by data validation team
Note: *, **, R1 and R2 identify data points originally qualified "R" (rejected by the data validation team) but judged usable for data assessment purposes (see Appendix 7 for the explanation of these qualifiers)

FRO 001 1073

TABLE 4-18

Mercury Data Summary for Industrial Soil Samples
(MDL = 80; values in ug/kg)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
Total Mercury (0-6")						
ISTECH	20	20	18	BMDL	535,000	31,352
ISALCN	10	9	7	0	1,300	233
ISCLCN	5	4	1	0	100	54
ISDENT	10	10	9	BMDL	550	216
ISREED	10	10	8	BMDL	138	103
ISDENV	5	1	1	0	117	23
ISESPS	5	5	1	BMDL	82	34
ISHWTP	20	18	16	0	5,880	731
ISOWNS	5	5	2	BMDL	142	82
ISPCR	5	5	2	BMDL	160	86
ISPEER	5	4	3	0	169	89
ISSQBB	4	3	2	0	840	321
ISWJK	5	4	1	0	160	65
Total	109	98	71	0	535,000	5,971
Inorganic Mercury (0-6")						
ISTECH	5	5	5	108	7,000	1,648
ISALCN	3	3	3	99	468	223
ISCLCN	1	0	0	0	0	0
ISDENT	2	2	1	BMDL	384	224
ISREED	3	3	1	BMDL	97	75
ISDENV	1	0	0	0	0	0
ISESPS	1	1	0	BMDL	BMDL	51
ISHWTP	5	5	4	0	308	151
ISOWNS	1	1	1	104	104	104
ISPCR	1	0	0	0	0	0
ISPEER	1	1	1	138	164	151
ISSQBB	4	3	2	0	721	297
ISWJK	1	0	0	0	0	0
Total	29	24	18	0	7,000	408

FRO 001 1074

TABLE 4-18 (continued)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
Total Mercury (6-18")						
ISTECH	5	3	2	0	5,675	1,382
ISALCN	3	1	0	0	BMDL	8
ISCLCN	2	2	0	BMDL	BMDL	54
ISDENT	3	3	2	BMDL	250	167
ISREED	3	2	2	0	95	62
ISDENV	2	0	0	0	0	0
ISESPS	2	2	0	BMDL	BMDL	56
ISHWTP	6	4	1	0	92	51
ISOWNS	2	1	0	0	BMDL	27
ISPCR	2	2	0	BMDL	BMDL	57
ISPEER	2	2	0	BMDL	BMDL	58
ISSQBB	3	3	2	BMDL	216	120
ISWJK	2	0	0	0	0	0
Total	37	25	9	0	5,675	238
Inorganic Mercury (6-18")						
ISTECH	3	3	1	BMDL	2,640	701
ISALCN	1	0	0	0	0	0
ISCLCN	1	0	0	0	0	0
ISDENT	1	1	1	128	128	128
ISREED	1	0	0	0	0	0
ISDENV	1	0	0	0	0	0
ISESPS	1	1	0	BMDL	BMDL	63
ISHWTP	4	2	0	0	92	35
ISOWNS	1	0	0	0	0	0
ISPCR	1	0	0	0	0	0
ISPEER	1	1	0	BMDL	BMDL	55
ISSQBB	3	1	1	0	214	107
ISWJK	1	0	0	0	0	0
Total	20	9	3	0	2,640	135

TABLE 4-18 (continued)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
Total Mercury (18-36")						
ISTECH	5	3	3	0	1,720	648
ISALCN	1	1	0	BMDL	BMDL	55
ISCLCN	2	1	0	0	BMDL	24
ISDENT	2	2	1	BMDL	117	98
ISREED	2	1	0	0	BMDL	28
ISDENV	2	0	0	0	0	0
ISESPS	2	2	0	BMDL	BMDL	51
ISHWTP	4	3	1	0	153	64
ISOWNS	-	-	-	-	-	-
ISPCR	1	1	0	BMDL	BMDL	47
ISPEER	2	1	0	0	BMDL	29
ISSQBB	3	2	0	0	BMDL	44
ISWJK	1	0	0	0	0	0
Total	27	17	5	0	1,720	155
Inorganic Mercury (18-36")						
ISTECH	3	2	1	0	812	287
ISALCN	-	-	-	-	-	-
ISCLCN	1	0	0	0	0	0
ISDENT	1	1	0	BMDL	BMDL	48
ISREED	1	0	0	0	0	0
ISDENV	1	1	0	BMDL	BMDL	62
ISESPS	2	2	0	BMDL	BMDL	68
ISHWTP	2	1	1	0	168	84
ISOWNS	-	-	-	-	-	-
ISPCR	-	-	-	-	-	-
ISPEER	1	1	0	BMDL	BMDL	74
ISSQBB	3	0	0	0	0	0
ISWJK	-	-	-	-	-	-
Total	15	8	2	0	812	90

* Where values are shown as BMDL (below method detection limit) or ND (not detected), averages are calculated based on estimated concentrations which are below quantitation limits.

FRO 001 1076

TABLE 4-19

Mercury Data Summary for Squibb Storm Sewer Sediment Samples
(MDL = 80; values in ug/l)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
Sediment: ISSBSED (ug/kg)						
Total Mercury	2	1	0	0	BMDL	20
Inorganic Mercury	1	0	0	0	0	0
Water: ISSBSED (ug/l)						
Total Mercury	4	3	1	0	0.74	0.24
Inorganic Mercury	1	1	1	0.52	0.52	0.52

* Where values are shown as BMDL (below method detection limit) or ND (not detected), averages are calculated based on estimated concentrations which are below quantitation limits.

TABLE 4-20

Mercury Data for Background Industrial Soil Samples
(MDL = 80; values in ug/kg)

Dynamac Number	ETC Number	Date	Total Mercury			Inorganic Mercury		
			Lab Qual	Value	QA Qual	Lab Qual	Value	QA Qual
ISBG01A	BE6171	880609	BMDL	49	UJ	ND	0	UJ
ISBG01B	BE6090	880609	BMDL	65	UJ		90	U
ISBG01C	BE6091	880609	ND	0	UJ	BMDL	70	U
ISBG02A	BE6173	880609	BMDL	69	UJ	BMDL	60	UJ
ISBG02B	BE6092	880609	BMDL	50	UJ	BMDL	50	U
ISBG02C	BE6093	880609	ND	0	UJ	ND	0	U
ISBG03A	CA1180	890720	BMDL	56	**	BMDL	77	UJ
ISBG03B	CA1178	890720	BNDL	67	U	BMDL	62	U
ISBG04A	BE6189	880617		110		BMDL	68	UJ
ISBG04B	BE6136	880617	BMDL	38	UJ			
ISBG04C	BE6137	880617	BMDL	37	UJ			
ISBG05A	BE6188	880617		150		BMDL	78	UJ
ISBG05B	BE6133	880617	BMDL	67	U			
ISBG05C	BE6134	880617		190				
ISBG06A	BE6169	880609	BMDL	48	UJ	BMDL	48	UJ
ISBG07A	BE6170	880609	BMDL	62	U			
ISBG08A	BE6172	880609	BMDL	75	U			
ISBG09A	BE6174	880609	BMDL	59	U			
ISBG10A	BH8780	890123	BMDL	49	U			
ISBG11A	CA1181	890721	BMDL	48	**			
ISBG12A	BE6191	880617		88	UJ			
ISBG13A	BE6138	880617	BMDL	37	UJ			
ISBGA04	BE6190	880617		86	UJ	BMDL	60	UJ
ISBGA12	BE6192	880617	BMDL	56	U			
ISBGC05	BE6135	880617	ND	0	UJ			

J - Estimated
U - Not detected, associated value below the Sample Quantitation Limit
UJ - Not detected, associated value is estimated and is below the Sample Quantitation Limit
Note: *, **, R1 and R2 identify data points originally qualified "R" (rejected by the data validation team) but judged usable for data assessment purposes (see Appendix 7 for the explanation of these qualifiers)

FRO 001 1078

TABLE 4-21

ESL Data for Industrial Soil Samples
(values in ug/kg)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
VOLATILE ORGANIC COMPOUNDS - ALCON						
Acetone						
ISALCN02A	BE6178	880614		10.80	U	5.30
ISALCN03A	BE6176	880614	BMDL	3.93	UJ	4.90
Methylene chloride						
ISALCN01A	BE6177	880614		7.75	U	4.90
ISALCN02A	BE6178	880614		5.42	U	5.30
ISALCN04A	BE6175	880614		6.84		4.30
VOLATILE ORGANIC COMPOUNDS - COLORCON						
Acetone						
ISCLCN02A	CA0845	890524		18.60	U	14
Methylene chloride						
ISCLCN01A	CA0844	890524		11.10	U	5.70
ISCLCN02A	CA0845	890524		11.80	U	6.90
VOLATILE ORGANIC COMPOUNDS - DENTCO						
Acetone						
ISDENT07A	BH8776	890122		16	U	14
ISDENT08A	BH8777	890122	BMDL	10.10	U	14
ISDENT09A	BH8778	890122		64.50	UJ	16
VOLATILE ORGANIC COMPOUNDS - DENVER CHEMICAL						
1,1,2,2-Tetrachloroethane						
ISDENV01A	CA1120	890713	BMDL	2.12	U	6.10
Acetone						
ISDENV01A	CA1120	890713		16.50	U	12
ISDENV02A	CA1121	890713	BMDL	9.01	U	12
Benzene						
ISDENV02A	CA1121	890713	BMDL	1.96	U	6.10
Methylene chloride						
ISDENV01A	CA1120	890713		7.66	U	6.10
ISDENV02A	CA1121	890713		8.81	U	6.10
Toluene						
ISDENV01A	CA1120	890713	BMDL	2.73	U	6.10
ISDENV02A	CA1121	890713	BMDL	3.66	U	6.10

FRO 001 1079

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
VOLATILE ORGANIC COMPOUNDS - ESPLAS						
Acetone						
ISESPS01A	BE6194	880826		16.20	U	11
ISESPS02A	BE9329	880826		38	U	13
ISESPSA01	BE6195	880826		15.90	U	11
Methylene chloride						
ISESPS01A	BE6194	880826		8.13	U	5.70
ISESPS02A	BE9329	880826		23.60	U	6.40
ISESPSA01	BE6195	880826		7.31	U	5.60
VOLATILE ORGANIC COMPOUNDS - HUMACAO INDUSTRIAL PARK WASTEWATER TREATMENT PLANT						
Acetone						
ISHWTP02A	CA1149	890720		25		14
ISHWTP03A	CA1150	890712		20.60	R	13
ISHWTP05A	CA1152	890720		18.90	UJ	17
ISHWTP06A	CA1153	890712		37.20	U	13
ISHWTP08A	CA1155	890720		15	U	12
Methylene chloride						
ISHWTP01A	CA1148	890720		10.80	U	6.30
ISHWTP02A	CA1149	890720		8.99	U	7
ISHWTP03A	CA1150	890712		7	R	6.30
ISHWTP04A	CA1151	890712		8.10	R	6.10
ISHWTP05A	CA1152	890720		42.40	UJ	8.60
ISHWTP06A	CA1153	890712		19.90	U	6.60
ISHWTP07A	CA1154	890720		15	U	6.20
ISHWTP08A	CA1155	890720		90	U	6.10
ISHWTPA02	CA1156	890720		19.40	U	7
Toluene						
ISHWTP01A	CA1148	890720	BMDL	3.37	U	6.30
ISHWTP03A	CA1150	890712	BMDL	2.14	R	6.30
ISHWTP04A	CA1151	890712	BMDL	2.49	R	6.10
VOLATILE ORGANIC COMPOUNDS - OWENS-ILLINOIS						
Acetone						
ISOWNS02A	CA0842	890523	BMDL	8.99	U	11
Methylene chloride						
ISOWNS01A	CA0841	890523	BMDL	3.37	U	5.60
ISOWNS02A	CA0842	890523		10.60	U	5.70
VOLATILE ORGANIC COMPOUNDS - PCR						
Acetone						
ISPCR02A	CA0886	890524		29.90	UJ	12

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
VOLATILE ORGANIC COMPOUNDS - PCR (continued)						
Methylene chloride						
ISPCR02A	CA0886	890524		15.40	UJ	5.80
ISPCR05A	CA0885	890524	BMDL	4.07	U	6.10
ISPCRA02	CA0887	890525		7.55	U	6
VOLATILE ORGANIC COMPOUNDS - PEERLESS TUBE						
Acetone						
ISPEER01A	BE6167	880607		12.40	U	5
ISPEER02A	BE6168	880607		6.80	U	4.80
Methylene chloride						
ISPEER01A	BE6167	880607		48.90		5
ISPEER02A	BE6168	880607		5.99	U	4.80
VOLATILE ORGANIC COMPOUNDS - REEDCO						
Acetone						
ISREED03A	BH8770	890122	BMDL	4.32	U	13
ISREED06A	BH8771	890122		37.60	UJ	19
ISREED07A	BH8773	890122	BMDL	4.78	U	13
ISREED08A	BH8774	890122	BMDL	5.44	U	13
ISREEDA06	BH8772	890123	BMDL	9.92	U	14
VOLATILE ORGANIC COMPOUNDS - SQUIBB						
Acetone						
ISSQBB01A	CA0830	890523	BMDL	5.23	U	12
ISSQBB02A	CA0832	890523	BMDL	4.54	U	11
ISSQBB03A	CA0833	890523	BMDL	5.08	U	11
ISSQBB04A	CA0834	890523	BMDL	4.53	U	12
ISSQBBA01	CA0831	890523	BMDL	8.28	U	12
Methylene chloride						
ISSQBB01A	CA0830	890523	BMDL	3.46	U	5.80
ISSQBB02A	CA0832	890523	BMDL	3.51	U	5.60
ISSQBB03A	CA0833	890523	BMDL	3.93	U	5.40
ISSQBB04A	CA0834	890523	BMDL	4.05	U	5.80
ISSQBBA01	CA0831	890523	BMDL	3.62	U	5.80
o+p-Xylenes						
ISSQBB03A	CA0833	890523	BMDL	2.76	U	5.40
VOLATILE ORGANIC COMPOUNDS - TECHNICON						
Acetone						
ISTECH06A	BE6182	880615		6.50	UJ	4.80
ISTECHA07	BE6186	880616		21.50	U	5.30

FRO 001 1081

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
VOLATILE ORGANIC COMPOUNDS - TECHNICON (continued)						
Methylene chloride						
ISTECH02A	BE6179	880615		12.60	U	4.80
ISTECH03A	BE6180	880615		4.98	U	4.50
ISTECH04A	BE6181	880615		4.87	U	4.70
ISTECH06A	BE6182	880615		5.72	UJ	4.80
ISTECH07A	BE6185	880616		7.04	U	5.70
ISTECH08A	BE6184	880615		5.63	UJ	4.80
ISTECHA07	BE6186	880616		17.60	U	5.30
VOLATILE ORGANIC COMPOUNDS - WJK						
Methylene chloride						
ISWJKC01A	CA1174	890714	BMDL	3.80	U	6.30
VOLATILE ORGANIC COMPOUNDS - SQUIBB SEDIMENT						
Acetone						
ISSBSED06	CA0839	890525	BMDL	5,650		6,800
Ethylbenzene						
ISSBSED06	CA0839	890525		54,000		3,400
Methylene chloride						
ISSBSED04	CA0838	890523		10	U	6.30
ISSBSED06	CA0839	890525		3,700		3,400
m-Xylene						
ISSBSED06	CA0839	890525		96,500		3,400
o+p-Xylenes						
ISSBSED06	CA0839	890525		33,700		3,400
BASE/NEUTRAL EXTRACTABLES - ALCON						
bis(2-ethylhexyl)phthalate						
ISALCN01A	BE6177	880614		1,310	J	800
ISALCN04A	BE6175	880614	BMDL	477	J	700
BASE/NEUTRAL EXTRACTABLES - DENTCO						
bis(2-ethylhexyl)phthalate						
ISDENT01A	BH8775	890122	BMDL	343	UJ	930
ISDENT07A	BH8776	890122		4,920	J	860
ISDENT08A	BH8777	890122	BMDL	115	UJ	900
ISDENT09A	BH8778	890122	BMDL	144	UJ	1,000
Butyl benzyl phthalate						
ISDENT09A	BH8778	890122	BMDL	101	UJ	1,000

FRO 001 1082

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
BASE/NEUTRAL EXTRACTABLES - DENTCO (continued)						
Diethyl phthalate						
ISDENT01A	BH8775	890122	BMDL	152	UJ	930
ISDENT07A	BH8776	890122	BMDL	113	UJ	860
ISDENT08A	BH8777	890122	BMDL	156	UJ	900
ISDENT09A	BH8778	890122	BMDL	153	UJ	1,000
BASE/NEUTRAL EXTRACTABLES - DENVER CHEMICAL						
Di-n-octyl phthalate						
ISDENV01A	CA1120	890713		4,460	J	1,900
BASE/NEUTRAL EXTRACTABLES - ESPLAS						
bis(2-ethylhexyl)phthalate						
ISESPS02A	BE9329	880826	BMDL	108	U	850
Diethyl phthalate						
ISESPS01A	BE6194	880826	BMDL	19.50	U	750
Di-n-butyl phthalate						
ISESPS01A	BE6194	880826	BMDL	91.80	U	750
ISESPS02A	BE9329	880826	BMDL	129	U	850
ISESPSA01	BE6195	880826	BMDL	80.10	U	730
Naphthalene						
ISESPS01A	BE6194	880826	BMDL	11	U	750
ISESPS02A	BE9329	880826	BMDL	11	U	850
ISESPSA01	BE6195	880826	BMDL	12.30	U	730
BASE/NEUTRAL EXTRACTABLES - HUMACAO INDUSTRIAL PARK WASTEWATER TREATMENT PLANT						
Benzo(a)anthracene						
ISHWTP01A	CA1742	890720	BMDL	112	UJ	420
Benzo(a)pyrene						
ISHWTP01A	CA1742	890720	BMDL	57.90	UJ	420
Benzo(b)fluoranthene						
ISHWTP01A	CA1742	890720	BMDL	102	UJ	420
bis(2-Ethylhexyl)phthalate						
ISHWTPA02	CA1747	890720		768	UJ	470
Chrysene						
ISHWTP01A	CA1742	890720	BMDL	78.30	UJ	420
Di-n-butyl phthalate						
ISHWTP01A	CA1742	890720		1,500	J	420
ISHWTP02A	CA1743	890720		1,370	J	470
ISHWTP05A	CA1744	890720		2,640	J	570

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
BASE/NEUTRAL EXTRACTABLES - HUMACAO INDUSTRIAL PARK WASTEWATER TREATMENT PLANT (continued)						
Di-n-butyl phthalate (continued)						
ISHWTP07A	CA1745	890720		1,700	J	410
ISHWTP08A	CA1746	890720	BMDL	1,920	J	4,100
ISHWTPA02	CA1747	890720		2,020	J	470
Fluoranthene						
ISHWTP01A	CA1742	890720	BMDL	55.80	UJ	420
Pyrene						
ISHWTP01A	CA1742	890720	BMDL	53.70	UJ	420
BASE/NEUTRAL EXTRACTABLES - OWENS-ILLINOIS						
bis(2-Ethylhexyl)phthalate						
ISOWNS01A	CA0841	890523		455		370
BASE/NEUTRAL EXTRACTABLES - PCR						
bis(2-Ethylhexyl)phthalate						
ISPCR02A	CA0886	890524		1,220		390
ISPCRA02	CA0887	890525		850		400
BASE/NEUTRAL EXTRACTABLES - PEERLESS TUBE						
bis(2-Ethylhexyl)phthalate						
ISPEER01A	BE6193	880826	BMDL	269	U	990
ISPEER02A	BE6196	880826	BMDL	96.60	U	740
Butyl benzyl phthalate						
ISPEER01A	BE6193	880826	BMDL	164	U	990
Di-n-butyl phthalate						
ISPEER01A	BE6193	880826	BMDL	118	U	990
ISPEER02A	BE6196	880826	BMDL	72.50	U	740
Isophorone						
ISPEER01A	BE6193	880826	BMD	75.90	U	990
ISPEER02A	BE6196	880826	BMDL	130	U	740
Naphthalene						
ISPEER01A	BE6193	880826	BMDL	17.60	U	990
ISPEER02A	BE6196	880826	BMDL	12.30	U	740
BASE/NEUTRAL EXTRACTABLES - REEDCO						
Benzo(a)anthracene						
ISREED08A	BH8774	890122	BMDL	142	UJ	810

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
BASE/NEUTRAL EXTRACTABLES - REEDCO (continued)						
Benzo(a)pyrene						
ISREED08A	BH8774	890122	BMDL	203	UJ	810
Benzo(b)fluoranthene						
ISREED08A	BH8774	890122	BMDL	261	UJ	810
bis(2-Ethylhexyl)phthalate						
ISREED03A	BH8770	890122	BMDL	220	UJ	870
ISREED06A	BH8771	890122	BMDL	138	UJ	1,300
ISREED07A	BH8773	890122	BMDL	77.30	UJ	830
ISREED08A	BH8774	890122	BMDL	82.40	UJ	810
ISREEDA06	BH8772	890123	BMDL	161	UJ	870
Chrysene						
ISREED08A	BH8774	890122	BMDL	202	UJ	810
Diethyl phthalate						
ISREED03A	BH8770	890122	BMDL	174	UJ	870
ISREED06A	BH8771	890122	BMDL	200	UJ	1,300
ISREED07A	BH8773	890122	BMDL	78.50	UJ	830
ISREED08A	BH8774	890122	BMDL	173	UJ	810
ISREEDA06	BH8772	890123	BMDL	173	UJ	870
Di-n-octyl phthalate						
ISREEDA06	BH8772	890123	BMDL	468	J	870
Fluoranthene						
ISREED08A	BH8774	890122	BMDL	306	UJ	810
Indeno(1,2,3-c,d)pyrene						
ISREED08A	BH8774	890122	BMDL	156	UJ	810
Phenanthrene						
ISREED08A	BH8774	890122	BMDL	88.10	UJ	810
Pyrene						
ISREED08A	BH8774	890122	BMDL	292	UJ	810
BASE/NEUTRAL EXTRACTABLES - SQUIBB SEDIMENT						
2-Methylnaphthalene						
ISSBSED06	CA0839	890525	BMDL	352	UJ	460
bis(2-ethylhexyl) phthalate						
ISSBSED06	CA0839	890525		1,230		460
Fluoranthene						
ISSBSED06	CA0839	890525	BMDL	129	UJ	460

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
BASE/NEUTRAL EXTRACTABLES - SQUIBB SEDIMENT (continued)						
Naphthalene						
ISSBSED06	CA0839	890525	BMDL	138	UJ	460
Phenanthrene						
ISSBSED06	CA0839	890525	BMDL	203	UJ	460
Pyrene						
ISSBSED06	CA0839	890525	BMDL	75.30	UJ	460
ACID EXTRACTABLES - REEDCO						
Benzoic acid						
ISREEDA06	BH8772	890123	BMDL	144	UJ	4,400
ACID EXTRACTABLES - SQUIBB SEDIMENT						
2,4-Dimethylphenol						
ISSBSED06	CA0839	890525	BMDL	245	UJ	460
4-Methylphenol						
ISSBSED06	CA0839	890525		624		460
ORGANOCHLORINE PESTICIDES/PCBs - ALCON						
alpha-Chlordane						
ISALCN04A	BE6175	880614		280	J	42
gamma-Chlordane						
ISALCN04A	BE6175	880614		550	J	42
Heptachlor						
ISALCN04A	BE6175	880614		170	J	7.30
ORGANOCHLORINE PESTICIDES/PCBs - DENTCO						
Dieldrin						
ISDENT09A	BH8778	890122		640		21
ORGANOCHLORINE PESTICIDES/PCBs - OWENS-ILLINOIS						
gamma-Chlordane						
ISOWNS01A	CA0841	890523		372	J	74
Heptachlor						
ISOWNS01A	CA0841	890523		173	J	7.40
Heptachlor epoxide						
ISOWNS01A	CA0841	890523		44	J	7.40

FRO 001 1086

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
ORGANOCHLORINE PESTICIDES/PCBs - PCR						
gamma-Chlordane						
ISPCR02A	CA0886	890524		97.40		77
ISPCRA02	CA0887	890525		86.80	UJ	79
Heptachlor						
ISPCR02A	CA0886	890524		19		7.70
ISPCRA02	CA0887	890525		30		7.90
ORGANOCHLORINE PESTICIDES/PCBs - REEDCO						
Gamma-BHC						
ISREED03A	BH8770	890122		35	J	9
ISREED07A	BH8773	890122		12	J	8.30
ISREED08A	BH8774	890122		2,600	J	8.40
RCRA METALS - ALCON						
Arsenic						
ISALCN01A	BE6177	880614	BMDL	750		2,300
ISALCN02A	BE6178	880614	ND	190	U	2,600
ISALCN03A	BE6176	880614	ND	700		4,700
ISALCN04A	BE6175	880614	ND	810		4,200
Barium						
ISALCN01A	BE6177	880614		125,000	J	1,100
ISALCN02A	BE6178	880614		188,000	J	1,200
ISALCN03A	BE6176	880614		128,000	J	1,100
ISALCN04A	BE6175	880614		277,000	J	790
Cadmium						
ISALCN03A	BE6176	880614	ND	230		1,400
Chromium						
ISALCN01A	BE6177	880614	BMDL	7,100		12,000
ISALCN02A	BE6178	880614	BMDL	8,900		13,000
ISALCN03A	BE6176	880614		16,000		12,000
ISALCN04A	BE6175	880614	BMDL	3,000		8,200
Copper						
ISALCN01A	BE6177	880614		29,000		3,100
ISALCN02A	BE6178	880614		42,000		3,500
ISALCN03A	BE6176	880614		44,000		3,200
ISALCN04A	BE6175	880614		11,000		3,200
Lead						
ISALCN01A	BE6177	880614		4,200		2,300
ISALCN02A	BE6178	880614		12,000		1,300
ISALCN03A	BE6176	880614		76,000		1,200
ISALCN04A	BE6175	880614		12,000		1,100

FRO 001 1087

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
RCRA METALS - ALCON (continued)						
Silver						
ISALCN01A	BE6177	880614	ND	260	U	2,900
ISALCN02A	BE6178	880614	ND	450	U	3,400
ISALCN03A	BE6176	880614	ND	540	U	3,100
ISALCN04A	BE6175	880614	ND	310	U	5,700
Zinc						
ISALCN01A	BE6177	880614		82,000	J	2,300
ISALCN02A	BE6178	880614		98,000	J	2,600
ISALCN03A	BE6176	880614		150,000	J	2,400
ISALCN04A	BE6175	880614		150,000	J	2,000
RCRA METALS - COLORCON						
Arsenic						
ISCLCN01A	CA0844	890524		13,000		2,300
ISCLCN02A	CA0845	890524		5,400	J	2,600
Barium						
ISCLCN01A	CA0844	890524		84,000		4,500
ISCLCN02A	CA0845	890524		110,000		5,200
Chromium						
ISCLCN01A	CA0844	890524		4,900	J	2,300
ISCLCN02A	CA0845	890524		8,200	J	2,600
Copper						
ISCLCN01A	CA0844	890524		19,000	J	2,300
ISCLCN02A	CA0845	890524		22,000	J	2,600
Lead						
ISCLCN01A	CA0844	890524		3,300	R	1,100
ISCLCN02A	CA0845	890524		3,300	R	1,300
Selenium						
ISCLCN01A	CA0844	890524	ND	180	U	1,100
ISCLCN02A	CA0845	890524	ND	360		26,000
Silver						
ISCLCN01A	CA0844	890524	ND	160	U	2,300
ISCLCN02A	CA0845	890524	BMDL	640	U	2,600
Zinc						
ISCLCN01A	CA0844	890524		59,000	R	4,500
ISCLCN02A	CA0845	890524		79,000	R	5,200

FRO 001 1088

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
RCRA METALS - DENTCO						
Arsenic						
ISDENT01A	BH8775	890122	BMDL	2,700		2,800
ISDENT07A	BH8776	890122	BMDL	2,000		2,700
ISDENT08A	BH8777	890122	BMDL	2,500		2,700
ISDENT09A	BH8778	890122	BMDL	2,000		3,000
Barium						
ISDENT01A	BH8775	890122		120,000		5,500
ISDENT07A	BH8776	890122		120,000		5,300
ISDENT08A	BH8777	890122		130,000		5,400
ISDENT09A	BH8778	890122		130,000		6,100
Cadmium						
ISDENT01A	BH8775	890122	BMDL	460		550
ISDENT07A	BH8776	890122	BMDL	120	U	530
ISDENT08A	BH8777	890122	BMDL	170	U	540
ISDENT09A	BH8778	890122	BMDL	320	U	610
Chromium						
ISDENT01A	BH8775	890122		6,400		2,800
ISDENT07A	BH8776	890122		6,900		2,700
ISDENT08A	BH8777	890122		9,400		2,700
ISDENT09A	BH8778	890122		17,000	J	3,000
Copper						
ISDENT01A	BH8775	890122		36,000		2,800
ISDENT07A	BH8776	890122		31,000		2,700
ISDENT08A	BH8777	890122		30,000		2,700
ISDENT09A	BH8778	890122		81,000		3,000
Lead						
ISDENT01A	BH8775	890122		7,000		2,800
ISDENT07A	BH8776	890122		5,900		1,300
ISDENT08A	BH8777	890122		9,800		1,300
ISDENT09A	BH8778	890122		29,000		1,500
Silver						
ISDENT09A	BH8778	890122	BMDL	1,100	U	3,000
Zinc						
ISDENT01A	BH8775	890122		110,000		5,500
ISDENT07A	BH8776	890122		78,000		5,300
ISDENT08A	BH8777	890122		80,000		5,400
ISDENT09A	BH8778	890122		140,000		6,100
RCRA METALS - DENVER CHEMICAL						
Arsenic						
ISDENV01A	CA1120	890713	BMDL	1,400	J	2,500
ISDENV02A	CA1121	890713	BMDL	830	J	2,600

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
RCRA METALS - DENVER CHEMICAL (continued)						
Barium						
ISDENV01A	CA1120	890713		400,000		5,000
ISDENV02A	CA1121	890713		72,000		5,100
Chromium						
ISDENV01A	CA1120	890713		4,400	J	2,500
ISDENV02A	CA1121	890713		14,000	J	2,600
Copper						
ISDENV01A	CA1120	890713		37,000		2,500
ISDENV02A	CA1121	890713		21,000		2,600
Lead						
ISDENV01A	CA1120	890713		3,000	J	1,200
ISDENV02A	CA1121	890713		5,800	J	1,300
Selenium						
ISDENV01A	CA1120	890713	ND	130	U	1,200
ISDENV02A	CA1121	890713	ND	130	U	1,300
Silver						
ISDENV01A	CA1120	890713	ND	330	U	2,500
Zinc						
ISDENV01A	CA1120	890713		100,000		5,000
ISDENV02A	CA1121	890713		58,000		5,100
RCRA METALS - ESPLAS						
Arsenic						
ISESPS01A	BE6194	880826	BMDL	690	U	2,200
ISESPS02A	BE9329	880826	BMDL	1,600		5,100
ISESPSA01	BE6195	880826	BMDL	450	U	2,200
Barium						
ISESPS01A	BE6194	880826		160,000		4,500
ISESPS02A	BE9329	880826		190,000		5,100
ISESPSA01	BE6195	880826		190,000		4,400
Cadmium						
ISESPS01A	BE6194	880826	BMDL	370		450
ISESPS02A	BE9329	880826		610		510
ISESPSA01	BE6195	880826	BMDL	380		440
Chromium						
ISESPS01A	BE6194	880826		3,800	J	2,200
ISESPS02A	BE9329	880826		14,000		2,600
ISESPSA01	BE6195	880826		3,300	J	2,200

FRO 001 1090

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
RCRA METALS - ESPLAS (continued)						
Copper						
ISESPS01A	BE6194	880826		17,000	J	2,200
ISESPS02A	BE9329	880826		53,000		2,600
ISESPSA01	BE6195	880826		18,000	J	2,200
Lead						
ISESPS01A	BE6194	880826		8,100		1,100
ISESPS02A	BE9329	880826		16,000	J	1,300
ISESPSA01	BE6195	880826		7,700		1,100
Selenium						
ISESPS02A	BE9329	880826	ND	61	U	1,300
Silver						
ISESPS02A	BE9329	880826	BMDL	620	U	2,600
ISESPSA01	BE6195	880826	BMDL	660	U	2,200
Zinc						
ISESPS01A	BE6194	880826		51,000	J	4,500
ISESPS02A	BE9329	880826		82,000	J	5,100
ISESPSA01	BE6195	880826		56,000	J	4,400
RCRA METALS - HUMACAO INDUSTRIAL PARK WASTEWATER TREATMENT PLANT						
Arsenic						
ISHWTP01A	CA1148	890720	BMDL	1,500	J	2,600
ISHWTP02A	CA1149	890720	BMDL	770	J	2,800
ISHWTP03A	CA1150	890712	BMDL	900	J	2,400
ISHWTP04A	CA1151	890712	BMDL	890	J	2,400
ISHWTP05A	CA1152	890720	BMDL	790	J	2,900
ISHWTP06A	CA1153	890712	ND	420	J	2,800
ISHWTP07A	CA1154	890720	BMDL	2,000	J	2,600
ISHWTP08A	CA1155	890720		3,100	J	3,000
ISHWTPA02	CA1156	890720	BMDL	700	J	2,700
Barium						
ISHWTP01A	CA1148	890720		100,000		5,200
ISHWTP02A	CA1149	890720		78,000		5,600
ISHWTP03A	CA1150	890712		120,000		4,900
ISHWTP04A	CA1151	890712		94,000		4,800
ISHWTP05A	CA1152	890720		74,000		5,700
ISHWTP06A	CA1153	890712		52,000		5,600
ISHWTP07A	CA1154	890720		150,000		5,200
ISHWTP08A	CA1155	890720		130,000		6,000
ISHWTPA02	CA1156	890720		99,000		5,400
Chromium						
ISHWTP01A	CA1148	890720		7,000		2,600
ISHWTP02A	CA1149	890720		11,000		2,800

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
RCRA METALS - HUMACAO INDUSTRIAL PARK WASTEWATER TREATMENT PLANT (continued)						
Chromium (continued)						
ISHWTP03A	CA1150	890712		8,100	J	2,400
ISHWTP04A	CA1151	890712		6,500	J	2,400
ISHWTP05A	CA1152	890720		11,000		2,900
ISHWTP06A	CA1153	890712		18,000	J	2,800
ISHWTP07A	CA1154	890720		15,000		2,600
ISHWTP08A	CA1155	890720		21,000		3,000
ISHWTPA02	CA1156	890720		8,600		2,700
Copper						
ISHWTP01A	CA1148	890720		24,000	J	2,600
ISHWTP02A	CA1149	890720		31,000	J	2,800
ISHWTP03A	CA1150	890712		25,000	J	2,400
ISHWTP04A	CA1151	890712		22,000	J	2,400
ISHWTP05A	CA1152	890720		28,000	J	2,900
ISHWTP06A	CA1153	890712		33,000	J	2,800
ISHWTP07A	CA1154	890720		54,000	J	2,600
ISHWTP08A	CA1155	890720		64,000	J	3,000
ISHWTPA02	CA1156	890720		18,000	J	2,700
Lead						
ISHWTP01A	CA1148	890720		7,400		1,300
ISHWTP02A	CA1149	890720		4,600		1,400
ISHWTP03A	CA1150	890712		3,700	J	1,200
ISHWTP04A	CA1151	890712		3,900	J	1,200
ISHWTP05A	CA1152	890720		4,900		1,400
ISHWTP06A	CA1153	890712		6,500	J	1,400
ISHWTP07A	CA1154	890720		6,300		1,300
ISHWTP08A	CA1155	890720		11,000		1,500
ISHWTPA02	CA1156	890720		3,800		1,400
Selenium						
ISHWTP01A	CA1148	890720	ND	140	U	1,300
ISHWTP03A	CA1150	890712	ND	120	U	1,200
ISHWTP04A	CA1151	890712	ND	47	U	1,200
ISHWTP05A	CA1152	890720	ND	160	U	1,400
ISHWTP06A	CA1153	890712	ND	54	U	1,400
ISHWTP07A	CA1154	890720	ND	53	U	1,300
ISHWTP08A	CA1155	890720	ND	230		1,500
ISHWTPA02	CA1156	890720	ND	110	U	1,400
Silver						
ISHWTP02A	CA1149	890720	ND	460	U	2,800
ISHWTP03A	CA1150	890712	BMDL	540	U	2,400
ISHWTP04A	CA1151	890712	ND	460	U	2,400
ISHWTP05A	CA1152	890720	ND	230	U	2,900
ISHWTP06A	CA1153	890712	ND	370	U	2,800
ISHWTP07A	CA1154	890720	BMDL	1,400	U	2,600
ISHWTP08A	CA1155	890720	BMDL	670	U	3,000

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
RCRA METALS - HUMACAO INDUSTRIAL PARK WASTEWATER TREATMENT PLANT (continued)						
Zinc						
ISHWTP01A	CA1148	890720		67,000		5,200
ISHWTP02A	CA1149	890720		82,000		5,600
ISHWTP03A	CA1150	890712		100,000		4,900
ISHWTP04A	CA1151	890712		66,000		4,800
ISHWTP05A	CA1152	890720		52,000		5,700
ISHWTP06A	CA1153	890712		130,000		5,600
ISHWTP07A	CA1154	890720		110,000		5,200
ISHWTP08A	CA1155	890720		120,000		6,000
ISHWTPA02	CA1156	890720		77,000		5,400
RCRA METALS - OWENS-ILLINOIS						
Arsenic						
ISOWNS01A	CA0841	890523	BMDL	2,200	J	2,300
ISOWNS02A	CA0842	890523	BMDL	2,000	J	2,300
Barium						
ISOWNS01A	CA0841	890523		180,000	J	4,500
ISOWNS02A	CA0842	890523		97,000	J	4,600
Chromium						
ISOWNS01A	CA0841	890523		5,300		2,300
ISOWNS02A	CA0842	890523		8,300		2,300
Copper						
ISOWNS01A	CA0841	890523		25,000	J	2,300
ISOWNS02A	CA0842	890523		19,000	J	2,300
Lead						
ISOWNS01A	CA0841	890523		30,000	J	1,100
ISOWNS02A	CA0842	890523		13,000	J	1,100
Selenium						
ISOWNS01A	CA0841	890523	BMDL	360	J	1,100
Silver						
ISOWNS02A	CA0842	890523	ND	190	U	2,300
Zinc						
ISOWNS01A	CA0841	890523		110,000		4,500
ISOWNS02A	CA0842	890523		60,000		4,600
RCRA METALS - PCR						
Arsenic						
ISPCR02A	CA0886	890524	BMDL	1,700		2,400
ISPCR05A	CA0885	890524	BMDL	1,900		2,500
ISPCRA02	CA0887	890525	BMDL	1,900		2,300

FRO 001 1093

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
RCRA METALS - PCR (continued)						
Barium						
ISPCR02A	CA0886	890524		95,000		4,900
ISPCR05A	CA0885	890524		85,000		4,900
ISPCRA02	CA0887	890525		110,000		4,600
Chromium						
ISPCR02A	CA0886	890524		11,000	J	2,400
ISPCR05A	CA0885	890524		5,900	J	2,500
ISPCRA02	CA0887	890525		13,000	J	2,300
Copper						
ISPCR02A	CA0886	890524		27,000	J	2,400
ISPCR05A	CA0885	890524		17,000	J	2,500
ISPCRA02	CA0887	890525		28,000	J	2,300
Lead						
ISPCR02A	CA0886	890524		8,500	R	1,200
ISPCR05A	CA0885	890524		3,700	R	1,200
ISPCRA02	CA0887	890525		8,300	R	1,200
Selenium						
ISPCR02A	CA0886	890524	ND	580		24,000
ISPCR05A	CA0885	890524	ND	250		25,000
ISPCRA02	CA0887	890525	ND	320		23,000
Silver						
ISPCR02A	CA0886	890524	ND	110	U	2,400
ISPCR05A	CA0885	890524	ND	170	U	2,500
ISPCRA02	CA0887	890525	ND	160	U	2,300
Zinc						
ISPCR02A	CA0886	890524		170,000	R	4,900
ISPCR05A	CA0885	890524		45,000	R	4,900
ISPCRA02	CA0887	890525		210,000	R	4,600
RCRA METALS - PEERLESS TUBE						
Arsenic						
ISPEER01A	BE6167	880607		430,000	J	32,000
ISPEER02A	BE6168	880607		3,500		2,400
Barium						
ISPEER01A	BE6167	880607		159,000		1,300
ISPEER02A	BE6168	880607		109,000		1,300
Cadmium						
ISPEER01A	BE6167	880607		2,900	J	910
ISPEER02A	BE6168	880607	ND	49	U	870

FRO 001 1094

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
RCRA METALS - PEERLESS TUBE (continued)						
Chromium						
ISPEER01A	BE6167	880607		12,000		5,700
ISPEER02A	BE6168	880607		5,800	J	5,500
Copper						
ISPEER01A	BE6167	880607		46,000		1,900
ISPEER02A	BE6168	880607		49,000		1,800
Lead						
ISPEER01A	BE6167	880607		43,000		1,200
ISPEER02A	BE6168	880607		70,000		1,200
Selenium						
ISPEER01A	BE6167	880607	BMDL	280		1,200
ISPEER02A	BE6168	880607	BMDL	270		1,200
Silver						
ISPEER01A	BE6167	880607	BMDL	650	U	2,800
ISPEER02A	BE6168	880607	BMDL	630	U	2,700
Zinc						
ISPEER01A	BE6167	880607		180,000	J	2,000
ISPEER02A	BE6168	880607		120,000	J	2,000
RCRA METALS - REEDCO						
Arsenic						
ISREED03A	BH8770	890122	BMDL	1,100		2,800
ISREED06A	BH8771	890122	BMDL	1,200		2,800
ISREED07A	BH8773	890122		2,900		2,300
ISREED08A	BH8774	890122	BMDL	1,100		4,900
ISREEDA06	BH8772	890123	BMDL	1,800		2,900
Barium						
ISREED03A	BH8770	890122		79,000		5,500
ISREED06A	BH8771	890122		86,000		5,600
ISREED07A	BH8773	890122		110,000		4,700
ISREED08A	BH8774	890122		220,000		4,900
ISREEDA06	BH8772	890123		90,000		5,800
Cadmium						
ISREED03A	BH8770	890122	BMDL	190	U	550
ISREED06A	BH8771	890122	BMDL	310	U	560
ISREED07A	BH8773	890122	BMDL	250	U	470
ISREED08A	BH8774	890122	BMDL	350	U	490
ISREEDA06	BH8772	890123	ND	14	U	580

FRO 001 1095

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
RCRA METALS - REEDCO (continued)						
Chromium						
ISREED03A	BH8770	890122		7,600		2,800
ISREED06A	BH8771	890122		6,000		2,800
ISREED07A	BH8773	890122		5,700		2,300
ISREED08A	BH8774	890122		7,500		2,400
ISREEDA06	BH8772	890123		5,600		2,900
Copper						
ISREED03A	BH8770	890122		38,000		2,800
ISREED06A	BH8771	890122		22,000		2,800
ISREED07A	BH8773	890122		23,000		2,300
ISREED08A	BH8774	890122		29,000		2,400
ISREEDA06	BH8772	890123		20,000		2,900
Lead						
ISREED03A	BH8770	890122		7,800		2,800
ISREED06A	BH8771	890122		7,400		2,800
ISREED07A	BH8773	890122		9,400		1,200
ISREED08A	BH8774	890122		27,000		1,200
ISREEDA06	BH8772	890123		7,200		1,400
Silver						
ISREED08A	BH8774	890122		5,300	J	2,400
Zinc						
ISREED03A	BH8770	890122		51,000		5,500
ISREED06A	BH8771	890122		46,000		5,600
ISREED07A	BH8773	890122		67,000		4,700
ISREED08A	BH8774	890122		90,000		4,900
ISREEDA06	BH8772	890123		57,000		5,800
RCRA METALS - SQUIBB						
Arsenic						
ISSQBB01A	CA0830	890523	BMDL	520		2,300
ISSQBB02A	CA0832	890523		3,600	J	2,300
ISSQBB03A	CA0833	890523	BMDL	1,200		2,200
ISSQBB04A	CA0834	890523		5,400	J	2,300
ISSQBBA01	CA0831	890523	BMDL	800		2,300
Barium						
ISSQBB01A	CA0830	890523		81,000		4,700
ISSQBB02A	CA0832	890523		130,000		4,600
ISSQBB03A	CA0833	890523		150,000		4,500
ISSQBB04A	CA0834	890523		99,000		4,600
ISSQBBA01	CA0831	890523		120,000		4,600

FRO 001 1096

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
RCRA METALS - SQUIBB (continued)						
Chromium						
ISSQBB01A	CA0830	890523	BMDL	960	UJ	2,300
ISSQBB02A	CA0832	890523		5,000	J	2,300
ISSQBB03A	CA0833	890523		6,200	J	2,200
ISSQBB04A	CA0834	890523		6,700	J	2,300
ISSQBBA01	CA0831	890523	BMDL	1,100	UJ	2,300
Copper						
ISSQBB01A	CA0830	890523		9,700	J	2,300
ISSQBB02A	CA0832	890523		22,000	J	2,300
ISSQBB03A	CA0833	890523		28,000	J	2,200
ISSQBB04A	CA0834	890523		21,000	J	2,300
ISSQBBA01	CA0831	890523		9,800	J	2,300
Lead						
ISSQBB01A	CA0830	890523		1,900	R	1,200
ISSQBB02A	CA0832	890523		4,800	R	1,200
ISSQBB03A	CA0833	890523		5,200	R	1,100
ISSQBB04A	CA0834	890523		5,900	R	1,100
ISSQBBA01	CA0831	890523		2,600	R	1,100
Selenium						
ISSQBB01A	CA0830	890523	ND	85	U	23,000
ISSQBB02A	CA0832	890523	ND	320		23,000
ISSQBB03A	CA0833	890523	ND	7.30	U	22,000
ISSQBB04A	CA0834	890523	ND	160	U	23,000
ISSQBBA01	CA0831	890523	ND	8.20	U	1,100
Silver						
ISSQBB02A	CA0832	890523	ND	390	U	2,300
ISSQBB04A	CA0834	890523	ND	160	U	2,300
ISSQBBA01	CA0831	890523	ND	48	U	2,300
Zinc						
ISSQBB01A	CA0830	890523		85,000	R	4,700
ISSQBB02A	CA0832	890523		78,000	R	4,600
ISSQBB03A	CA0833	890523		97,000	R	4,500
ISSQBB04A	CA0834	890523		55,000	R	4,600
ISSQBBA01	CA0831	890523		95,000	R	4,600
RCRA METALS - TECHNICON						
Arsenic						
ISTECH01A	BE6187	880616	BMDL	850		2,400
ISTECH02A	BE6179	880615	BMDL	1,500		2,400
ISTECH03A	BE6180	880615	BMDL	1,200		2,300
ISTECH04A	BE6181	880615	ND	390		2,200
ISTECH05A	BE6183	880615	BMDL	790		2,900
ISTECH06A	BE6182	880615	BMDL	1,300		2,200

FRO 001 1097

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
RCRA METALS - TECHNICON (continued)						
Arsenic (continued)						
ISTECH07A	BE6185	880616	BMDL	780		2,700
ISTECH08A	BE6184	880615	ND	170	U	2,300
ISTECHA07	BE6186	880616	BMDL	1,600		2,800
Barium						
ISTECH01A	BE6187	880616		96,000		1,100
ISTECH02A	BE6179	880615		115,000	J	1,100
ISTECH03A	BE6180	880615		99,000		1,100
ISTECH04A	BE6181	880615		107,000		1,100
ISTECH05A	BE6183	880615		68,000		1,400
ISTECH06A	BE6182	880615		96,000		1,000
ISTECH07A	BE6185	880616		50,000		1,300
ISTECH08A	BE6184	880615		166,000		1,100
ISTECHA07	BE6186	880616		84,000		1,300
Cadmium						
ISTECH01A	BE6187	880616	ND	210	U	1,400
ISTECH02A	BE6179	880615	BMDL	280		1,400
ISTECH03A	BE6180	880615	ND	170	U	1,300
ISTECH04A	BE6181	880615	ND	180	U	1,300
ISTECH05A	BE6183	880615	BMDL	410		1,700
ISTECH07A	BE6185	880616	ND	62	U	1,600
ISTECHA07	BE6186	880616	ND	300		1,600
Chromium						
ISTECH01A	BE6187	880616	BMDL	5,900		12,000
ISTECH02A	BE6179	880615	BMDL	6,000		12,000
ISTECH03A	BE6180	880615	BMDL	7,000		12,000
ISTECH04A	BE6181	880615	BMDL	2,900		11,000
ISTECH05A	BE6183	880615	BMDL	4,200		15,000
ISTECH06A	BE6182	880615		16,000		11,000
ISTECH07A	BE6185	880616	BMDL	5,800		14,000
ISTECH08A	BE6184	880615		15,000		12,000
ISTECHA07	BE6186	880616	BMDL	6,000		14,000
Copper						
ISTECH01A	BE6187	880616		20,000		3,300
ISTECH02A	BE6179	880615		48,000		3,200
ISTECH03A	BE6180	880615		22,000	J	3,100
ISTECH04A	BE6181	880615		19,000		3,000
ISTECH05A	BE6183	880615		24,000		3,900
ISTECH06A	BE6182	880615		22,000		3,000
ISTECH07A	BE6185	880616		31,000		3,600
ISTECH08A	BE6184	880615		20,000		3,100
ISTECHA07	BE6186	880616		41,000		3,700

FRO 001 1098

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
RCRA METALS - TECHNICON (continued)						
Lead						
ISTECH01A	BE6187	880616		100,000		7,400
ISTECH02A	BE6179	880615		5,600		2,400
ISTECH03A	BE6180	880615		14,000		5,700
ISTECH04A	BE6181	880615		7,700		1,100
ISTECH05A	BE6183	880615		17,000		1,400
ISTECH06A	BE6182	880615		74,000		22,000
ISTECH07A	BE6185	880616		19,000		6,700
ISTECH08A	BE6184	880615		4,700		1,200
ISTECHA07	BE6186	880616		14,000		1,400
Selenium						
ISTECHA07	BE6186	880616	ND	180	U	1,400
Silver						
ISTECH01A	BE6187	880616	BMDL	690	U	3,100
ISTECH02A	BE6179	880615	BMDL	1,200		3,100
ISTECH03A	BE6180	880615	ND	130	U	3,000
ISTECH04A	BE6181	880615	ND	130	U	2,900
ISTECH05A	BE6183	880615	ND	170	U	3,700
ISTECH08A	BE6184	880615	ND	130	U	3,000
ISTECHA07	BE6186	880616	ND	320	U	3,600
Zinc						
ISTECH01A	BE6187	880616		42,000		2,400
ISTECH02A	BE6179	880615		61,000	J	2,400
ISTECH03A	BE6180	880615		47,000		2,000
ISTECH04A	BE6181	880615		50,000		2,200
ISTECH05A	BE6183	880615		95,000		2,900
ISTECH06A	BE6182	880615		120,000		2,200
ISTECH07A	BE6185	880616		110,000		2,700
ISTECH08A	BE6184	880615		73,000		2,300
ISTECHA07	BE6186	880616		170,000		2,800
RCRA METALS - WJK						
Arsenic						
ISWJKC01A	CA1174	890714		4,600	J	2,700
ISWJKC02A	CA1175	890714	BMDL	1,200	J	2,900
Barium						
ISWJKC01A	CA1174	890714		94,000		5,300
ISWJKC02A	CA1175	890714		110,000		5,800
Cadmium						
ISWJKC01A	CA1174	890714		10,000		530
Chromium						
ISWJKC01A	CA1174	890714		15,000	J	2,700
ISWJKC02A	CA1175	890714		7,400	J	2,900

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
RCRA METALS - WJK (continued)						
Copper						
ISWJKC01A	CA1174	890714		60,000		2,700
ISWJKC02A	CA1175	890714		27,000		2,900
Lead						
ISWJKC01A	CA1174	890714		19,000	J	1,300
ISWJKC02A	CA1175	890714		5,900	J	1,400
Selenium						
ISWJKC01A	CA1174	890714	BMDL	390		1,300
ISWJKC02A	CA1175	890714	BMDL	330		1,400
Silver						
ISWJKC01A	CA1174	890714	BMDL	1,100	U	2,700
ISWJKC02A	CA1175	890714	ND	130	U	2,900
Zinc						
ISWJKC01A	CA1174	890714		565,000		5,300
ISWJKC02A	CA1175	890714		100,000		5,800
RCRA METALS - SQUIBB SEDIMENT						
Arsenic						
ISSBSED04	CA0838	890523	BMDL	950		2,500
ISSBSED06	CA0839	890525		3,300		2,700
Barium						
ISSBSED04	CA0838	890523		48,000		5,100
ISSBSED06	CA0839	890525		120,000		5,500
Cadmium						
ISSBSED06	CA0839	890525	ND	100	U	550
Chromium						
ISSBSED04	CA0838	890523		19,000	J	2,500
ISSBSED06	CA0839	890525		21,000	J	2,700
Copper						
ISSBSED04	CA0838	890523		25,000	J	2,500
ISSBSED06	CA0839	890525		81,000	J	2,700
Lead						
ISSBSED04	CA0838	890523		7,700	R	1,300
ISSBSED06	CA0839	890525		22,000	R	1,400
Selenium						
ISSBSED06	CA0839	890525	ND	110	U	1,400
Silver						
ISSBSED04	CA0838	890523	BMDL	750	U	2,500

FRO 001 1100

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
RCRA METALS - SQUIBB SEDIMENT (continued)						
Zinc						
ISSBSED04	CA0838	890523		694,000	R	5,100
ISSBSED06	CA0839	890525		330,000	R	5,500
OTHER/MISCELLANEOUS - ALCON						
Aluminum						
ISALCN01A	BE6177	880614		18,300,000	J	23,000
ISALCN02A	BE6178	880614		20,100,000	J	27,000
ISALCN03A	BE6176	880614		13,900,000	J	24,000
ISALCN04A	BE6175	880614		4,650,000	J	25,000
Antimony						
ISALCN02A	BE6178	880614	ND	150	U	2,600
ISALCN03A	BE6176	880614	ND	73	U	2,400
ISALCN04A	BE6175	880614	BMDL	430	U	2,100
Beryllium						
ISALCN04A	BE6175	880614	BMDL	66		280
Calcium						
ISALCN01A	BE6177	880614		6,810,000		27,000
ISALCN02A	BE6178	880614		3,520,000		32,000
ISALCN03A	BE6176	880614		8,980,000		29,000
ISALCN04A	BE6175	880614		1,900,000		29,000
Cobalt						
ISALCN01A	BE6177	880614		15,000		7,000
ISALCN02A	BE6178	880614		19,000		8,100
ISALCN03A	BE6176	880614		11,000		7,200
ISALCN04A	BE6175	880614	BMDL	2,600		9,100
Cyanide, Total						
ISALCN01A	BE6177	880614		< 600	NA	600
ISALCN02A	BE6178	880614		< 700	NA	700
ISALCN03A	BE6176	880614		< 600	NA	600
ISALCN04A	BE6175	880614		< 500	NA	500
Iron						
ISALCN01A	BE6177	880614		38,500,000		57,000
ISALCN02A	BE6178	880614		32,700,000		66,000
ISALCN03A	BE6176	880614		30,400,000		59,000
ISALCN04A	BE6175	880614		9,610,000		54,000
Magnesium						
ISALCN01A	BE6177	880614		4,430,000		9,100
ISALCN02A	BE6178	880614		6,100,000		11,000
ISALCN03A	BE6176	880614		7,290,000		9,500
ISALCN04A	BE6175	880614		2,310,000		7,600

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS - ALCON (continued)						
Manganese						
ISALCN01A	BE6177	880614		1,080,000	J	1,100
ISALCN02A	BE6178	880614		995,000	J	1,300
ISALCN03A	BE6176	880614		806,000	J	1,200
ISALCN04A	BE6175	880614		516,000	J	770
Nickel						
ISALCN01A	BE6177	880614		3,700		2,600
ISALCN02A	BE6178	880614		5,600		3,000
ISALCN03A	BE6176	880614		7,300		2,700
ISALCN04A	BE6175	880614	BMDL	1,700		5,200
Potassium						
ISALCN01A	BE6177	880614		400,000		23,000
ISALCN02A	BE6178	880614		720,000	J	26,000
ISALCN03A	BE6176	880614		520,000	J	24,000
ISALCN04A	BE6175	880614		950,000	J	21,000
Sodium						
ISALCN01A	BE6177	880614		560,000		35,000
ISALCN02A	BE6178	880614		300,000		41,000
ISALCN03A	BE6176	880614		230,000		36,000
ISALCN04A	BE6175	880614		270,000		28,000
Thallium						
ISALCN01A	BE6177	880614	ND	27	U	2,300
ISALCN02A	BE6178	880614	ND	32	U	2,600
Vanadium						
ISALCN01A	BE6177	880614		110,000		3,700
ISALCN02A	BE6178	880614		92,000		4,300
ISALCN03A	BE6176	880614		68,000		3,800
ISALCN04A	BE6175	880614		22,000		4,400
% Solid						
ISALCN01A	BE6177	880614		88	NA	0
ISALCN01B	BE6100	880614		89.40	NA	0
ISALCN02A	BE6178	880614		76.10	NA	0
ISALCN02B	BE6104	880614		95.30	NA	0
ISALCN02C	BE6105	880614		85.10	NA	0
ISALCN03A	BE6176	880614		84.60	NA	0
ISALCN03B	BE6099	880614		86.10	NA	0
ISALCN04A	BE6175	880614		93.50	NA	0
ISALCN05A	BE6102	880614		77.10	NA	0
ISALCN06A	BE6095	880614		78.50	NA	0
ISALCN07A	BE6103	880614		79.20	NA	0
ISALCN08A	BE6097	880614		77.70	NA	0
ISALCN09A	BE6096	880614		89.10	NA	0
ISALCN10A	BE6094	880614		87.80	NA	0

FRO 001 1102

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS - ALCON (continued)						
% Solid (continued)						
ISALCNA08	BE6098	880614		78	NA	0
ISALCNB01	BE6101	880614		88.10	NA	0
OTHER/MISCELLANEOUS - COLORCON						
Aluminum						
ISCLCN01A	CA0844	890524		15,200,000		23,000
ISCLCN02A	CA0845	890524		21,000,000		26,000
Antimony						
ISCLCN01A	CA0844	890524	BMDL	12,000	J	14,000
ISCLCN02A	CA0845	890524	BMDL	7,300	UJ	16,000
Beryllium						
ISCLCN01A	CA0844	890524	BMDL	120	R	230
ISCLCN02A	CA0845	890524	BMDL	140	R	260
Calcium						
ISCLCN01A	CA0844	890524		7,670,000		45,000
ISCLCN02A	CA0845	890524		19,300,000		52,000
Cobalt						
ISCLCN01A	CA0844	890524		18,000		4,500
ISCLCN02A	CA0845	890524		18,000		5,200
Iron						
ISCLCN01A	CA0844	890524		37,100,000		34,000
ISCLCN02A	CA0845	890524		40,000,000		39,000
Magnesium						
ISCLCN01A	CA0844	890524		6,730,000		23,000
ISCLCN02A	CA0845	890524		7,930,000		26,000
Manganese						
ISCLCN01A	CA0844	890524		1,060,000	R	1,100
ISCLCN02A	CA0845	890524		1,540,000	R	1,300
Nickel						
ISCLCN01A	CA0844	890524	BMDL	2,500	J	4,500
ISCLCN02A	CA0845	890524	BMDL	3,500	J	5,200
Potassium						
ISCLCN01A	CA0844	890524		290,000		110,000
ISCLCN02A	CA0845	890524		320,000		130,000
Sodium						
ISCLCN01A	CA0844	890524		300,000		110,000
ISCLCN02A	CA0845	890524		140,000		130,000

FRO 001 1103

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS - COLORCON (continued)						
Thallium						
ISCLCN01A	CA0844	890524	BMDL	490		2,300
Vanadium						
ISCLCN01A	CA0844	890524		89,000		4,500
ISCLCN02A	CA0845	890524		96,000		5,200
% Solid						
ISCLCN02B	CA0825	890524		82.40	NA	0
ISCLCN02C	CA0879	890524		86	NA	0
ISCLCN03A	CA0824	890524		91.20	NA	0
ISCLCNB02	CA0826	890524		82.90	NA	0
OTHER/MISCELLANEOUS - DENTCO						
Aluminum						
ISDENT01A	BH8775	890122		14,300,000		28,000
ISDENT07A	BH8776	890122		15,100,000		27,000
ISDENT08A	BH8777	890122		14,400,000		27,000
ISDENT09A	BH8778	890122		26,900,000		30,000
Antimony						
ISDENT01A	BH8775	890122	ND	1,200	UJ	17,000
ISDENT07A	BH8776	890122	BMDL	6,000	UJ	16,000
ISDENT08A	BH8777	890122	BMDL	12,000		16,000
ISDENT09A	BH8778	890122	BMDL	5,900	UJ	18,000
Beryllium						
ISDENT01A	BH8775	890122	ND	42	R	280
ISDENT07A	BH8776	890122	ND	36	R	270
Calcium						
ISDENT01A	BH8775	890122		3,500,000		55,000
ISDENT07A	BH8776	890122		3,900,000		53,000
ISDENT08A	BH8777	890122		3,900,000		54,000
ISDENT09A	BH8778	890122		27,900,000		61,000
Cobalt						
ISDENT01A	BH8775	890122		12,000		5,500
ISDENT07A	BH8776	890122		13,000		5,300
ISDENT08A	BH8777	890122		12,000		5,400
ISDENT09A	BH8778	890122		13,000		6,100
Cyanide, Total						
ISDENT01A	BH8775	890122		< 220	NA	690
ISDENT07A	BH8776	890122		970	NA	680
ISDENT08A	BH8777	890122		< 150	NA	680
ISDENT09A	BH8778	890122		< 60	NA	790

FRO 001 1104

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS - DENTCO (continued)						
Iron						
ISDENT01A	BH8775	890122		25,400,000		41,000
ISDENT07A	BH8776	890122		28,000,000		40,000
ISDENT08A	BH8777	890122		29,600,000		40,000
ISDENT09A	BH8778	890122		32,400,000		46,000
Magnesium						
ISDENT01A	BH8775	890122		5,080,000		28,000
ISDENT07A	BH8776	890122		5,000,000		27,000
ISDENT08A	BH8777	890122		5,180,000		27,000
ISDENT09A	BH8778	890122		6,480,000		30,000
Manganese						
ISDENT01A	BH8775	890122		817,000		1,400
ISDENT07A	BH8776	890122		701,000		1,300
ISDENT08A	BH8777	890122		694,000		1,300
ISDENT09A	BH8778	890122		519,000		1,500
Nickel						
ISDENT01A	BH8775	890122	BMDL	3,800		5,500
ISDENT07A	BH8776	890122	BMDL	3,500		5,300
ISDENT08A	BH8777	890122	BMDL	3,000		5,400
ISDENT09A	BH8778	890122		8,800		6,100
Potassium						
ISDENT01A	BH8775	890122		370,000	J	140,000
ISDENT07A	BH8776	890122		340,000	J	130,000
ISDENT08A	BH8777	890122		250,000	J	130,000
ISDENT09A	BH8778	890122		870,000	J	150,000
Sodium						
ISDENT01A	BH8775	890122		200,000		140,000
ISDENT07A	BH8776	890122	BMDL	110,000		130,000
ISDENT08A	BH8777	890122	BMDL	81,000		130,000
ISDENT09A	BH8778	890122		510,000		150,000
Vanadium						
ISDENT01A	BH8775	890122		75,000	J	5,500
ISDENT07A	BH8776	890122		82,000	J	5,300
ISDENT08A	BH8777	890122		90,000	J	5,400
ISDENT09A	BH8778	890122		100,000	J	6,100
% Solid						
ISDENT01A	BH8775	890122		72.50	NA	0
ISDENT01B	BH8812	890122		78.50	NA	0
ISDENT01C	BH8813	890122		74.90	NA	0
ISDENT02A	BH8799	890121		56.70	NA	0
ISDENT03A	BH8800	890121		70.60	NA	0
ISDENT04A	BH8801	890121		53.40	NA	0

FRO 001 1105

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS - DENTCO (continued)						
% Solid (continued)						
ISDENT05A	BH8803	890121		62.30	NA	0
ISDENT06A	BH8804	890121		80.50	NA	0
ISDENT07A	BH8776	890122		75.20	NA	0
ISDENT07B	BH8814	890122		82.30	NA	0
ISDENT07C	BH8815	890122		81.50	NA	0
ISDENT08A	BH8777	890122		74.70	NA	0
ISDENT09A	BH8778	890122		65.70	NA	0
ISDENT09B	BH8816	890122		67.60	NA	0
ISDENT10A	BH8805	890121		72.10	NA	0
ISDENTA05	BH8802	890121		63.40	NA	0
OTHER/MISCELLANEOUS - DENVER CHEMICAL						
Aluminum						
ISDENV01A	CA1120	890713		22,900,000	R	25,000
ISDENV02A	CA1121	890713		12,100,000	R	26,000
Antimony						
ISDENV01A	CA1120	890713		16,000	J	15,000
ISDENV02A	CA1121	890713	BMDL	14,000	J	15,000
Calcium						
ISDENV01A	CA1120	890713		3,800,000	R	50,000
ISDENV02A	CA1121	890713		2,900,000	R	51,000
Cobalt						
ISDENV01A	CA1120	890713		17,000	J	5,000
ISDENV02A	CA1121	890713		13,000	J	5,100
Cyanide, Total						
ISDENV01A	CA1120	890713		< 600	NA	600
ISDENV02A	CA1121	890713		< 600	NA	600
Iron						
ISDENV01A	CA1120	890713		37,300,000	R	37,000
ISDENV02A	CA1121	890713		34,000,000	R	38,000
Magnesium						
ISDENV01A	CA1120	890713		14,200,000	R	25,000
ISDENV02A	CA1121	890713		4,750,000	R	26,000
Manganese						
ISDENV01A	CA1120	890713		2,770,000		1,200
ISDENV02A	CA1121	890713		699,000		1,300
Nickel						
ISDENV01A	CA1120	890713	BMDL	2,900		5,000
ISDENV02A	CA1121	890713	BMDL	2,700		5,100

FRO 001 1106

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS - DENVER CHEMICAL (continued)						
Potassium						
ISDENV01A	CA1120	890713		200,000		120,000
ISDENV02A	CA1121	890713		450,000		130,000
Sodium						
ISDENV01A	CA1120	890713		980,000		120,000
ISDENV02A	CA1121	890713	BMDL	100,000		130,000
Thallium						
ISDENV01A	CA1120	890713	ND	110	U	2,500
Vanadium						
ISDENV01A	CA1120	890713		98,000		5,000
ISDENV02A	CA1121	890713		96,000	J	5,100
% Solid						
ISDENV03A	CA1112	890713		77.10	NA	0
ISDENV03B	CA1113	890713		76.40	NA	0
ISDENV03C	CA1114	890713		77.20	NA	0
ISDENV04A	CA1115	890713		79.10	NA	0
ISDENV04B	CA1116	890713		87.70	NA	0
ISDENV04C	CA1117	890713		85.30	NA	0
ISDENV05A	CA1118	890713		75.10	NA	0
ISDENVA05	CA1119	890713		85.60	NA	0
OTHER/MISCELLANEOUS - ESPLAS						
Aluminum						
ISESPS01A	BE6194	880826		7,300,000		22,000
ISESPS02A	BE9329	880826		14,300,000		26,000
ISESPSA01	BE6195	880826		6,920,000		22,000
Beryllium						
ISESPS01A	BE6194	880826	BMDL	140		220
ISESPS02A	BE9329	880826	BMDL	170		260
ISESPSA01	BE6195	880826	BMDL	150		220
Calcium						
ISESPS01A	BE6194	880826		2,300,000		45,000
ISESPS02A	BE9329	880826		5,270,000		51,000
ISESPSA01	BE6195	880826		2,500,000		44,000
Cobalt						
ISESPS01A	BE6194	880826		6,100	J	4,500
ISESPS02A	BE9329	880826		12,000	J	5,100
ISESPSA01	BE6195	880826		7,100	J	4,400

FRO 001 1107

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS - ESPLAS (continued)						
Cyanide, Total						
ISESPS01A	BE6194	880826		< 600	NA	600
ISESPS02A	BE9329	880826		< 600	NA	600
Iron						
ISESPS01A	BE6194	880826		12,600,000		34,000
ISESPS02A	BE9329	880826		27,500,000		39,000
ISESPSA01	BE6195	880826		14,100,000	J	33,000
Magnesium						
ISESPS01A	BE6194	880826		3,440,000		22,000
ISESPS02A	BE9329	880826		2,800,000		26,000
ISESPSA01	BE6195	880826		3,230,000		22,000
Manganese						
ISESPS01A	BE6194	880826		589,000		1,100
ISESPS02A	BE9329	880826		1,060,000		1,300
ISESPSA01	BE6195	880826		664,000	J	1,100
Nickel						
ISESPS01A	BE6194	880826	BMDL	2,300		4,500
ISESPS02A	BE9329	880826	BMDL	3,200		5,100
ISESPSA01	BE6195	880826	BMDL	2,300		4,400
Potassium						
ISESPS01A	BE6194	880826		590,000	J	22,000
ISESPS02A	BE9329	880826		2,100,000	J	26,000
ISESPSA01	BE6195	880826		680,000	J	22,000
Sodium						
ISESPS01A	BE6194	880826		190,000		110,000
ISESPS02A	BE9329	880826		170,000		130,000
ISESPSA01	BE6195	880826		160,000		110,000
Thallium						
ISESPS01A	BE6194	880826	ND	79	U	2,200
Vanadium						
ISESPS01A	BE6194	880826		32,000	J	4,500
ISESPS02A	BE9329	880826		93,000		5,100
ISESPSA01	BE6195	880826		39,000		4,400
% Solid						
ISESPS01A	BE6194	880826		89.10	NA	0
ISESPS02A	BE9329	880826		77.80	NA	0
ISESPS03A	BE6139	880826		86.30	NA	0
ISESPS03B	BE6140	880826		82.20	NA	0
ISESPS03C	BE6141	880826		80.90	NA	0
ISESPS04A	BE6149	880826		78.80	NA	0

FRO 001 1108

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS - ESPLAS (continued)						
% Solid (continued)						
ISESPS04B	BE6150	880826		82.60	NA	0
ISESPS04C	BE6151	880826		82.50	NA	0
ISESPS05A	BE6147	880826		83	NA	0
ISESPSA01	BE6195	880826		90.30	NA	0
ISESPSC03	BE6142	880826		82.80	NA	0
OTHER/MISCELLANEOUS - HUMACAO INDUSTRIAL PARK WASTEWATER TREATMENT PLANT						
Aluminum						26,000
ISHWTP01A	CA1148	890720		13,400,000		28,000
ISHWTP02A	CA1149	890720		42,700,000	R	24,000
ISHWTP03A	CA1150	890712		41,300,000	R	24,000
ISHWTP04A	CA1151	890712		14,800,000		29,000
ISHWTP05A	CA1152	890720		17,900,000	R	28,000
ISHWTP06A	CA1153	890712		40,000,000		26,000
ISHWTP07A	CA1154	890720		43,900,000		30,000
ISHWTP08A	CA1155	890720		39,900,000		27,000
ISHWTPA02	CA1156	890720		37,400,000		
Antimony					UJ	15,000
ISHWTP01A	CA1148	890720	BMDL	5,300	UJ	17,000
ISHWTP02A	CA1149	890720	BMDL	3,800	J	15,000
ISHWTP03A	CA1150	890712		21,000	J	15,000
ISHWTP04A	CA1151	890712		15,000	UJ	17,000
ISHWTP05A	CA1152	890720	BMDL	4,000	J	17,000
ISHWTP06A	CA1153	890712	BMDL	15,000	UJ	16,000
ISHWTP07A	CA1154	890720	BMDL	7,100	J	18,000
ISHWTP08A	CA1155	890720	BMDL	11,000	J	16,000
ISHWTPA02	CA1156	890720		16,000		
Beryllium						260
ISHWTP01A	CA1148	890720	BMDL	110	U	240
ISHWTP03A	CA1150	890712	BMDL	55		240
ISHWTP04A	CA1151	890712	BMDL	110	U	290
ISHWTP05A	CA1152	890720	ND	30	U	300
ISHWTP08A	CA1155	890720	ND	23		270
ISHWTPA02	CA1156	890720	BMDL	150		
Calcium					J	52,000
ISHWTP01A	CA1148	890720		3,600,000	J	56,000
ISHWTP02A	CA1149	890720		11,400,000	R	49,000
ISHWTP03A	CA1150	890712		16,600,000	R	48,000
ISHWTP04A	CA1151	890712		2,900,000	J	57,000
ISHWTP05A	CA1152	890720		5,810,000	R	56,000
ISHWTP06A	CA1153	890712		12,800,000	J	52,000
ISHWTP07A	CA1154	890720		84,800,000	J	59,000
ISHWTP08A	CA1155	890720		40,100,000	J	54,000
ISHWTPA02	CA1156	890720		6,800,000		

FRO 001 1109

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS - HUMACAO INDUSTRIAL PARK WASTEWATER TREATMENT PLANT (continued)						
Cobalt						
ISHWTP01A	CA1148	890720		11,000	J	5,200
ISHWTP02A	CA1149	890720		12,000	J	5,600
ISHWTP03A	CA1150	890712		17,000	J	4,900
ISHWTP04A	CA1151	890712		14,000	J	4,800
ISHWTP05A	CA1152	890720	BMDL	5,000	J	5,700
ISHWTP06A	CA1153	890712		8,600	J	5,600
ISHWTP07A	CA1154	890720		11,000	J	5,200
ISHWTP08A	CA1155	890720		12,000	J	6,000
ISHWTPA02	CA1156	890720		15,000	J	5,400
Cyanide, Total						
ISHWTP01A	CA1148	890720		< 450	NA	700
ISHWTP02A	CA1149	890720		< 290	NA	700
ISHWTP03A	CA1150	890712		< 600	NA	600
ISHWTP04A	CA1151	890712		< 600	NA	600
ISHWTP05A	CA1152	890720		< 600	NA	1,000
ISHWTP06A	CA1153	890712		< 600	NA	800
ISHWTP07A	CA1154	890720		< 530	NA	700
ISHWTP08A	CA1155	890720		< 500	NA	700
ISHWTPA02	CA1156	890720		< 370	NA	800
Iron						
ISHWTP01A	CA1148	890720		26,900,000		39,000
ISHWTP02A	CA1149	890720		37,700,000		42,000
ISHWTP03A	CA1150	890712		40,300,000	R	37,000
ISHWTP04A	CA1151	890712		31,300,000	R	36,000
ISHWTP05A	CA1152	890720		16,100,000		43,000
ISHWTP06A	CA1153	890712		29,500,000	R	42,000
ISHWTP07A	CA1154	890720		33,900,000		39,000
ISHWTP08A	CA1155	890720		36,400,000		44,000
ISHWTPA02	CA1156	890720		44,900,000		41,000
Magnesium						
ISHWTP01A	CA1148	890720		4,510,000		26,000
ISHWTP02A	CA1149	890720		6,000,000		28,000
ISHWTP03A	CA1150	890712		7,530,000	R	24,000
ISHWTP04A	CA1151	890712		7,160,000	R	24,000
ISHWTP05A	CA1152	890720		2,100,000		29,000
ISHWTP06A	CA1153	890712		5,760,000	R	28,000
ISHWTP07A	CA1154	890720		6,510,000		26,000
ISHWTP08A	CA1155	890720		7,110,000		30,000
ISHWTPA02	CA1156	890720		6,140,000		27,000
Manganese						
ISHWTP01A	CA1148	890720		663,000		1,300
ISHWTP02A	CA1149	890720		483,000		1,400
ISHWTP03A	CA1150	890712		555,000		1,200

FRO 001 1110

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS - HUMACAO INDUSTRIAL PARK WASTEWATER TREATMENT PLANT (continued)						
Manganese (continued)						
ISHWTP04A	CA1151	890712		981,000		1,200
ISHWTP05A	CA1152	890720		203,000		1,400
ISHWTP06A	CA1153	890712		228,000		1,400
ISHWTP07A	CA1154	890720		389,000		1,300
ISHWTP08A	CA1155	890720		447,000		1,500
ISHWTPA02	CA1156	890720		332,000		1,400
Nickel						
ISHWTP01A	CA1148	890720	BMDL	2,900		5,200
ISHWTP02A	CA1149	890720	BMDL	5,000		5,600
ISHWTP03A	CA1150	890712		6,200		4,900
ISHWTP04A	CA1151	890712	BMDL	2,300		4,800
ISHWTP05A	CA1152	890720		6,300		5,700
ISHWTP06A	CA1153	890712		6,800		5,600
ISHWTP07A	CA1154	890720		9,900		5,200
ISHWTP08A	CA1155	890720		12,000		6,000
ISHWTPA02	CA1156	890720	BMDL	3,000		5,400
Potassium						
ISHWTP01A	CA1148	890720		760,000		130,000
ISHWTP02A	CA1149	890720		800,000		140,000
ISHWTP03A	CA1150	890712		680,000		120,000
ISHWTP04A	CA1151	890712		550,000		120,000
ISHWTP05A	CA1152	890720		260,000		100,000
ISHWTP06A	CA1153	890712		1,200,000		140,000
ISHWTP07A	CA1154	890720		2,100,000		100,000
ISHWTP08A	CA1155	890720		2,100,000		150,000
ISHWTPA02	CA1156	890720		540,000		140,000
Sodium						
ISHWTP01A	CA1148	890720		490,000		130,000
ISHWTP02A	CA1149	890720		640,000		140,000
ISHWTP03A	CA1150	890712		580,000		120,000
ISHWTP04A	CA1151	890712		1,100,000		120,000
ISHWTP05A	CA1152	890720		600,000		140,000
ISHWTP06A	CA1153	890712		410,000		140,000
ISHWTP07A	CA1154	890720		3,100,000		130,000
ISHWTP08A	CA1155	890720		750,000		150,000
ISHWTPA02	CA1156	890720		670,000		140,000
Thallium						
ISHWTP01A	CA1148	890720	ND	270	U	2,600
ISHWTP02A	CA1149	890720	ND	290	U	2,800
ISHWTP03A	CA1150	890712	ND	200	U	2,400
ISHWTP04A	CA1151	890712	ND	200	U	2,400
ISHWTP05A	CA1152	890720	ND	300		2,900
ISHWTP06A	CA1153	890712	ND	330		2,800

FRO 001 1111

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS - HUMACAO INDUSTRIAL PARK WASTEWATER TREATMENT PLANT (continued)						
Thallium (continued)						
ISHWTP07A	CA1154	890720	ND	170	U	2,600
ISHWTP08A	CA1155	890720	ND	170	U	3,000
ISHWTPA02	CA1156	890720	ND	180	U	2,700
Vanadium						
ISHWTP01A	CA1148	890720		70,000		5,200
ISHWTP02A	CA1149	890720		120,000		5,600
ISHWTP03A	CA1150	890712		120,000	J	4,900
ISHWTP04A	CA1151	890712		81,000	J	4,800
ISHWTP05A	CA1152	890720		48,000		5,700
ISHWTP06A	CA1153	890712		130,000	J	5,600
ISHWTP07A	CA1154	890720		93,000		5,200
ISHWTP08A	CA1155	890720		93,000		6,000
ISHWTPA02	CA1156	890720		140,000		5,400
% Solid						
ISHWTP01B	CA1124	890720		83.10	NA	0
ISHWTP01C	CA1125	890720		76.90	NA	0
ISHWTP02B	CA1127	890720		75.70	NA	0
ISHWTP02C	CA1128	890720		74.70	NA	0
ISHWTP03B	CA1129	890712		80	NA	0
ISHWTP04B	CA1130	890712		83.80	NA	0
ISHWTP04C	CA1131	890712		85.40	NA	0
ISHWTP05B	CA1132	890720		74.70	NA	0
ISHWTP05C	CA1133	890720		81.10	NA	0
ISHWTP06B	CA1134	890713		75.10	NA	0
ISHWTP09A	CA1135	890720		55.90	NA	0
ISHWTP10A	CA1136	890720		68.60	NA	0
ISHWTP11A	CA1138	890720		72.80	NA	0
ISHWTP12A	CA1139	890720		75.60	NA	0
ISHWTP13A	CA1140	890712		76.40	NA	0
ISHWTP14A	CA1141	890712		66.50	NA	0
ISHWTP15A	CA1142	890712		76.30	NA	0
ISHWTP16A	CA1143	890720		73.70	NA	0
ISHWTP17A	CA1144	890712		78.90	NA	0
ISHWTP18A	CA1145	890712		72.20	NA	0
ISHWTP19A	CA1146	890720		70.50	NA	0
ISHWTP20A	CA1147	890720		57.20	NA	0
ISHWTPA10	CA1137	890720		66.90	NA	0
ISHWTPC01	CA1126	890720		80.80	NA	0
OTHER/MISCELLANEOUS - OWENS-ILLINOIS						
Aluminum						
ISOWNS01A	CA0841	890523		10,400,000		23,000
ISOWNS02A	CA0842	890523		16,900,000		23,000

FRO 001 1112

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS - OWENS-ILLINOIS (continued)						
Beryllium						
ISOWNS01A	CA0841	890523	BMDL	100		230
ISOWNS02A	CA0842	890523		300		230
Calcium						
ISOWNS01A	CA0841	890523		7,520,000		45,000
ISOWNS02A	CA0842	890523		3,000,000		46,000
Cobalt						
ISOWNS01A	CA0841	890523		8,000		4,500
ISOWNS02A	CA0842	890523		15,000		4,600
Iron						
ISOWNS01A	CA0841	890523		20,600,000		34,000
ISOWNS02A	CA0842	890523		37,000,000		34,000
Magnesium						
ISOWNS01A	CA0841	890523		3,780,000		23,000
ISOWNS02A	CA0842	890523		5,180,000		23,000
Manganese						
ISOWNS01A	CA0841	890523		839,000		1,100
ISOWNS02A	CA0842	890523		788,000		1,100
Nickel						
ISOWNS01A	CA0841	890523	BMDL	2,900		4,500
ISOWNS02A	CA0842	890523	BMDL	3,300		4,600
Potassium						
ISOWNS01A	CA0841	890523		560,000	J	110,000
ISOWNS02A	CA0842	890523		382,000	J	-
Sodium						
ISOWNS01A	CA0841	890523		170,000	J	110,000
ISOWNS02A	CA0842	890523		170,000	J	110,000
Thallium						
ISOWNS01A	CA0841	890523	BMDL	540		2,300
ISOWNS02A	CA0842	890523	ND	170	U	2,300
Vanadium						
ISOWNS01A	CA0841	890523		57,000		4,500
ISOWNS02A	CA0842	890523		110,000		4,600
% Solid						
ISOWNS01B	CA0817	890523		83.60	NA	0
ISOWNS03A	CA0816	890522		84.60	NA	0
ISOWNS04A	CA0819	890522		85.40	NA	0
ISOWNS04B	CA0820	890522		85	NA	0
ISOWNS05A	CA0822	890522		89.80	NA	0

FRO 001 1113

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS - PCR						
Aluminum						
ISPCR02A	CA0886	890524		21,000,000		24,000
ISPCR05A	CA0885	890524		19,500,000		25,000
ISPCRA02	CA0887	890525		27,900,000		23,000
Antimony						
ISPCR02A	CA0886	890524	BMDL	14,000	J	15,000
ISPCR05A	CA0885	890524	BMDL	3,100	UJ	15,000
ISPCRA02	CA0887	890525		15,000	J	14,000
Beryllium						
ISPCR02A	CA0886	890524	BMDL	150	R	240
ISPCR05A	CA0885	890524	BMDL	170	R	250
ISPCRA02	CA0887	890525	BMDL	210	R	230
Calcium						
ISPCR02A	CA0886	890524		2,900,000		49,000
ISPCR05A	CA0885	890524		2,300,000		49,000
ISPCRA02	CA0887	890525		3,500,000		46,000
Cobalt						
ISPCR02A	CA0886	890524		17,000		4,900
ISPCR05A	CA0885	890524		15,000		4,900
ISPCRA02	CA0887	890525		23,000		4,600
Iron						
ISPCR02A	CA0886	890524		40,000,000		37,000
ISPCR05A	CA0885	890524		38,100,000		37,000
ISPCRA02	CA0887	890525		56,000,000		35,000
Magnesium						
ISPCR02A	CA0886	890524		5,910,000		24,000
ISPCR05A	CA0885	890524		3,700,000		25,000
ISPCRA02	CA0887	890525		6,930,000		23,000
Manganese						
ISPCR02A	CA0886	890524		570,000	R	1,200
ISPCR05A	CA0885	890524		1,110,000	R	1,200
ISPCRA02	CA0887	890525		646,000	R	1,200
Nickel						
ISPCR02A	CA0886	890524	BMDL	4,200	J	4,900
ISPCR05A	CA0885	890524	BMDL	2,900	J	4,900
ISPCRA02	CA0887	890525	BMDL	4,300	J	4,600
Potassium						
ISPCR02A	CA0886	890524		480,000		120,000
ISPCR05A	CA0885	890524		360,000		120,000
ISPCRA02	CA0887	890525		590,000		120,000

FRO 001 1114

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS - PCR (continued)						
Sodium						
ISPCR02A	CA0886	890524		250,000		120,000
ISPCR05A	CA0885	890524	BMDL	110,000		120,000
ISPCRA02	CA0887	890525		260,000		120,000
Vanadium						
ISPCR02A	CA0886	890524		110,000		4,900
ISPCR05A	CA0885	890524		110,000		4,900
ISPCRA02	CA0887	890525		150,000		4,600
% Solid						
ISPCR03A	CA0872	890524		84.90	NA	0
ISPCR03B	CA0873	890524		87.20	NA	0
OTHER/MISCELLANEOUS - PEERLESS TUBE						
Aluminum						
ISPEER01A	BE6167	880607		23,700,000		26,000
ISPEER02A	BE6168	880607		18,000,000		25,000
Calcium						
ISPEER01A	BE6167	880607		11,200,000		15,000
ISPEER02A	BE6168	880607		4,540,000		14,000
Cobalt						
ISPEER01A	BE6167	880607		18,000	J	6,900
ISPEER02A	BE6168	880607		14,000	J	6,600
Cyanide, Total						
ISPEER01A	BE6167	880607		< 600	NA	600
ISPEER02A	BE6168	880607		< 600	NA	600
Iron						
ISPEER01A	BE6167	880607		34,100,000		42,000
ISPEER02A	BE6168	880607		29,600,000		40,000
Magnesium						
ISPEER01A	BE6167	880607		8,880,000		6,100
ISPEER02A	BE6168	880607		5,740,000		5,900
Manganese						
ISPEER01A	BE6167	880607		1,280,000		1,300
ISPEER02A	BE6168	880607		818,000		1,300
Nickel						
ISPEER01A	BE6167	880607		9,000	J	3,300
ISPEER02A	BE6168	880607		3,500	J	3,100

FRO 001 1115

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS - PEERLESS TUBE (continued)						
Potassium						
ISPEER01A	BE6167	880607		650,000		25,000
ISPEER02A	BE6168	880607		520,000		24,000
Sodium						
ISPEER01A	BE6167	880607		460,000		24,000
ISPEER02A	BE6168	880607		3,360,000		23,000
Thallium						
ISPEER01A	BE6167	880607	ND	70	U	2,500
ISPEER02A	BE6168	880607	ND	67	U	2,400
Vanadium						
ISPEER01A	BE6167	880607		83,000		3,400
ISPEER02A	BE6168	880607		89,000		3,200
% Solid						
ISPEER01A	BE6167	880607		80.30	NA	0
ISPEER02A	BE6168	880607		83.40	NA	0
ISPEER03A	BE6086	880607		80.30	NA	0
ISPEER03B	BE6088	880607		80.30	NA	0
ISPEER03C	BE6089	880607		75.60	NA	0
ISPEER04A	BE6083	880607		90.40	NA	0
ISPEER04B	BE6084	880607		87.20	NA	0
ISPEER04C	BE6085	880607		85.30	NA	0
ISPEER05A	BE6082	880607		91.80	NA	0
ISPEERA03	BE6087	880607		81.20	NA	0
OTHER/MISCELLANEOUS - REEDCO						
Aluminum						
ISREED03A	BH8770	890122		11,400,000		28,000
ISREED06A	BH8771	890122		10,200,000		28,000
ISREED07A	BH8773	890122		14,500,000		23,000
ISREED08A	BH8774	890122		13,400,000		24,000
ISREEDA06	BH8772	890123		9,690,000		29,000
Antimony						
ISREED03A	BH8770	890122	BMDL	5,000	UJ	17,000
ISREED06A	BH8771	890122	BMDL	3,400	UJ	17,000
ISREED07A	BH8773	890122	BMDL	8,400	UJ	14,000
ISREED08A	BH8774	890122	BMDL	5,900	UJ	15,000
ISREEDA06	BH8772	890123	BMDL	5,000	UJ	17,000
Beryllium						
ISREEDA06	BH8772	890123	ND	45	R	290

FRO 001 1116

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS - REEDCO (continued)						
Calcium						
ISREED03A	BH8770	890122		2,400,000		55,000
ISREED06A	BH8771	890122		3,000,000		56,000
ISREED07A	BH8773	890122		3,600,000		47,000
ISREED08A	BH8774	890122		3,500,000		49,000
ISREEDA06	BH8772	890123		3,300,000		58,000
Cobalt						
ISREED03A	BH8770	890122		11,000		5,500
ISREED06A	BH8771	890122		9,800		5,600
ISREED07A	BH8773	890122		9,400		4,700
ISREED08A	BH8774	890122		13,000		4,900
ISREEDA06	BH8772	890123		9,000		5,800
Cyanide, Total						
ISREED03A	BH8770	890122		< 270	NA	690
ISREED06A	BH8771	890122		< 130	NA	960
ISREED07A	BH8773	890122		< 350	NA	630
ISREED08A	BH8774	890122		< 410	NA	630
ISREEDA06	BH8772	890123		710	NA	680
Iron						
ISREED03A	BH8770	890122		23,200,000		42,000
ISREED06A	BH8771	890122		21,300,000		42,000
ISREED07A	BH8773	890122		23,100,000		35,000
ISREED08A	BH8774	890122		27,700,000		37,000
ISREEDA06	BH8772	890123		17,900,000		43,000
Magnesium						
ISREED03A	BH8770	890122		2,700,000		28,000
ISREED06A	BH8771	890122		2,500,000		28,000
ISREED07A	BH8773	890122		3,900,000		23,000
ISREED08A	BH8774	890122		4,300,000		24,000
ISREEDA06	BH8772	890123		2,700,000		29,000
Manganese						
ISREED03A	BH8770	890122		376,000		1,400
ISREED06A	BH8771	890122		543,000		1,400
ISREED07A	BH8773	890122		599,000		1,200
ISREED08A	BH8774	890122		1,160,000		1,200
ISREEDA06	BH8772	890123		615,000		1,400
Nickel						
ISREED03A	BH8770	890122	BMDL	3,400		5,500
ISREED06A	BH8771	890122	BMDL	1,900		5,600
ISREED07A	BH8773	890122	BMDL	2,500		4,700
ISREED08A	BH8774	890122	BMDL	3,000		4,900
ISREEDA06	BH8772	890123	BMDL	2,800		5,800

FRO 001 1117

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS - REEDCO (continued)						
Potassium						
ISREED03A	BH8770	890122		180,000	J	140,000
ISREED06A	BH8771	890122		150,000	J	140,000
ISREED07A	BH8773	890122		400,000	J	120,000
ISREED08A	BH8774	890122		330,000	J	120,000
ISREEDA06	BH8772	890123		140,000		140,000
Sodium						
ISREED03A	BH8770	890122	BMDL	59,000		140,000
ISREED06A	BH8771	890122	BMDL	34,000		140,000
ISREED07A	BH8773	890122	BMDL	79,000		120,000
ISREED08A	BH8774	890122	BMDL	87,000		120,000
ISREEDA06	BH8772	890123	BMDL	77,000		140,000
Vanadium						
ISREED03A	BH8770	890122		69,000	J	5,500
ISREED06A	BH8771	890122		64,000	J	5,600
ISREED07A	BH8773	890122		68,000	J	4,700
ISREED08A	BH8774	890122		80,000	J	4,900
ISREEDA06	BH8772	890123		48,000	J	5,800
% Solid						
ISREED01A	BH8806	890121		72.30	NA	0
ISREED02A	BH8808	890121		63.70	NA	0
ISREED03A	BH8770	890122		72.10	NA	0
ISREED03B	BH8793	890122		78.20	NA	0
ISREED03C	BH8794	890122		79.80	NA	0
ISREED04A	BH8809	890121		74.70	NA	0
ISREED05A	BH8810	890121		68.70	NA	0
ISREED06A	BH8771	890122		71.80	NA	0
ISREED06B	BH8795	890122		80.30	NA	0
ISREED06C	BH8796	890122		79.60	NA	0
ISREED07A	BH8773	890122		85.50	NA	0
ISREED08A	BH8774	890122		82.10	NA	0
ISREED08B	BH8797	890122		82.90	NA	0
ISREED09A	BH8811	890121		73.10	NA	0
ISREED10A	BH8792	890121		66.30	NA	0
ISREEDA01	BH8807	890121		72.80	NA	0
ISREEDA06	BH8772	890123		69	NA	0
OTHER/MISCELLANEOUS - SQUIBB						
Aluminum						
ISSQBB01A	CA0830	890523		16,300,000		23,000
ISSQBB02A	CA0832	890523		17,400,000		23,000
ISSQBB03A	CA0833	890523		14,000,000		22,000
ISSQBB04A	CA0834	890523		10,800,000		23,000
ISSQBBA01	CA0831	890523		20,000,000		23,000

FRO 001 1118

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS - SQUIBB (continued)						
Antimony						
ISSQBB01A	CA0830	890523	ND	2,300	UJ	14,000
ISSQBB02A	CA0832	890523	BMDL	8,100	UJ	14,000
ISSQBB03A	CA0833	890523	BMDL	4,600	UJ	13,000
ISSQBB04A	CA0834	890523	ND	2,100	UJ	14,000
ISSQBBA01	CA0831	890523	ND	1,400	UJ	14,000
Beryllium						
ISSQBB01A	CA0830	890523	ND	25	R	230
ISSQBB02A	CA0832	890523	BMDL	110	R	230
ISSQBB03A	CA0833	890523	BMDL	160	R	220
ISSQBB04A	CA0834	890523	BMDL	130	R	230
ISSQBBA01	CA0831	890523	BMDL	56	R	230
Calcium						
ISSQBB01A	CA0830	890523		3,200,000		47,000
ISSQBB02A	CA0832	890523		2,700,000		46,000
ISSQBB03A	CA0833	890523		3,100,000		45,000
ISSQBB04A	CA0834	890523		2,400,000		46,000
ISSQBBA01	CA0831	890523		4,780,000		46,000
Cobalt						
ISSQBB01A	CA0830	890523		15,000		4,700
ISSQBB02A	CA0832	890523		15,000		4,600
ISSQBB03A	CA0833	890523		14,000		4,500
ISSQBB04A	CA0834	890523		7,600		4,600
ISSQBBA01	CA0831	890523		19,000		4,600
Iron						
ISSQBB01A	CA0830	890523		16,600,000		35,000
ISSQBB02A	CA0832	890523		31,700,000		35,000
ISSQBB03A	CA0833	890523		32,700,000		33,000
ISSQBB04A	CA0834	890523		22,200,000		34,000
ISSQBBA01	CA0831	890523		20,400,000		34,000
Magnesium						
ISSQBB01A	CA0830	890523		9,130,000		23,000
ISSQBB02A	CA0832	890523		7,970,000		23,000
ISSQBB03A	CA0833	890523		8,510,000		22,000
ISSQBB04A	CA0834	890523		3,070,000		23,000
ISSQBBA01	CA0831	890523		11,800,000		23,000
Manganese						
ISSQBB01A	CA0830	890523		722,000	R	1,200
ISSQBB02A	CA0832	890523		1,160,000	R	1,200
ISSQBB03A	CA0833	890523		1,160,000	R	1,100
ISSQBB04A	CA0834	890523		772,000	R	1,100
ISSQBBA01	CA0831	890523		1,090,000	R	1,100

FRO 001 1119

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS - SQUIBB (continued)						
Nickel						
ISSQBB01A	CA0830	890523	BMDL	2,100	J	4,700
ISSQBB02A	CA0832	890523	BMDL	2,700	J	4,600
ISSQBB03A	CA0833	890523	BMDL	3,700	J	4,500
ISSQBB04A	CA0834	890523	BMDL	2,800	J	4,600
ISSQBBA01	CA0831	890523	BMDL	1,500	J	4,600
Potassium						
ISSQBB01A	CA0830	890523		130,000		120,000
ISSQBB02A	CA0832	890523		210,000		120,000
ISSQBB03A	CA0833	890523		390,000		110,000
ISSQBB04A	CA0834	890523		270,000		110,000
ISSQBBA01	CA0831	890523		140,000		110,000
Sodium						
ISSQBB01A	CA0830	890523		2,000,000		120,000
ISSQBB02A	CA0832	890523		590,000		120,000
ISSQBB03A	CA0833	890523		1,300,000		110,000
ISSQBB04A	CA0834	890523		260,000		110,000
ISSQBBA01	CA0831	890523		2,500,000		110,000
Thallium						
ISSQBBA01	CA0831	890523	ND	34	U	2,300
Vanadium						
ISSQBB01A	CA0830	890523		35,000		4,700
ISSQBB02A	CA0832	890523		71,000		4,600
ISSQBB03A	CA0833	890523		83,000		4,500
ISSQBB04A	CA0834	890523		61,000		4,600
ISSQBBA01	CA0831	890523		41,000		4,600
% Solid						
ISSQBB01A	CA0830	890523		86	NA	0
ISSQBB02A	CA0832	890523		86.30	NA	0
ISSQBB02B	CA0809	890523		91.40	NA	0
ISSQBB02C	CA0810	890523		91.20	NA	0
ISSQBB03A	CA0833	890523		89.80	NA	0
ISSQBB03B	CA0811	890523		85.10	NA	0
ISSQBB03C	CA0813	890523		90.20	NA	0
ISSQBB04A	CA0834	890523		87.10	NA	0
ISSQBB04B	CA0814	890523		93	NA	0
ISSQBB04C	CA0815	890523		88.50	NA	0
ISSQBBA01	CA0831	890523		87.30	NA	0
ISSQBBB03	CA0812	890523		85.10	NA	0

FRO 001 1120

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS - TECHNICON						
Aluminum						
ISTECH01A	BE6187	880616		9,420,000		25,000
ISTECH02A	BE6179	880615		17,800,000	J	25,000
ISTECH03A	BE6180	880615		11,300,000		33,000
ISTECH04A	BE6181	880615		8,740,000		23,000
ISTECH05A	BE6183	880615		16,500,000		30,000
ISTECH06A	BE6182	880615		9,910,000		23,000
ISTECH07A	BE6185	880616		8,250,000		28,000
ISTECH08A	BE6184	880615		11,100,000		24,000
ISTECHA07	BE6186	880616		10,800,000		28,000
Antimony						
ISTECH02A	BE6179	880615	ND	49	U	2,400
ISTECH03A	BE6180	880615	ND	47	U	2,300
ISTECH08A	BE6184	880615	ND	130	U	2,300
Calcium						
ISTECH01A	BE6187	880616		3,570,000		29,000
ISTECH02A	BE6179	880615		3,910,000		29,000
ISTECH03A	BE6180	880615		3,270,000		28,000
ISTECH04A	BE6181	880615		2,100,000		27,000
ISTECH05A	BE6183	880615		3,940,000		35,000
ISTECH06A	BE6182	880615		63,700,000		34,000
ISTECH07A	BE6185	880616		7,760,000		32,000
ISTECH08A	BE6184	880615		5,770,000		28,000
ISTECHA07	BE6186	880616		12,700,000		33,000
Cobalt						
ISTECH01A	BE6187	880616		8,900		7,400
ISTECH02A	BE6179	880615		9,900		7,300
ISTECH03A	BE6180	880615		12,000		7,000
ISTECH04A	BE6181	880615	BMDL	5,000		6,900
ISTECH05A	BE6183	880615		16,000		8,900
ISTECH06A	BE6182	880615		9,100		6,700
ISTECH07A	BE6185	880616	BMDL	4,900		8,200
ISTECH08A	BE6184	880615		10,000		7,100
ISTECHA07	BE6186	880616		16,000		8,500
Cyanide, Total						
ISTECH01A	BE6187	880616		< 600	NA	600
ISTECH02A	BE6179	880615		< 600	NA	600
ISTECH03A	BE6180	880615		< 600	NA	600
ISTECH04A	BE6181	880615		< 600	NA	600
ISTECH05A	BE6183	880615		< 700	NA	700
ISTECH06A	BE6182	880615		< 600	NA	600
ISTECH07A	BE6185	880616		< 700	NA	700
ISTECH08A	BE6184	880615		< 500	NA	500
ISTECHA07	BE6186	880616		< 700	NA	700

FRO 001 1121

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS - TECHNICON (continued)						
Iron						
ISTECH01A	BE6187	880616		21,400,000	J	60,000
ISTECH02A	BE6179	880615		27,300,000		60,000
ISTECH03A	BE6180	880615		24,400,000		58,000
ISTECH04A	BE6181	880615		18,800,000		56,000
ISTECH05A	BE6183	880615		28,700,000		72,000
ISTECH06A	BE6182	880615		26,400,000		55,000
ISTECH07A	BE6185	880616		22,800,000		67,000
ISTECH08A	BE6184	880615		23,300,000	J	58,000
ISTECHA07	BE6186	880616		30,000,000		69,000
Magnesium						
ISTECH01A	BE6187	880616		1,670,000		9,700
ISTECH02A	BE6179	880615		6,010,000	J	9,500
ISTECH03A	BE6180	880615		2,300,000		9,200
ISTECH04A	BE6181	880615		2,760,000		9,000
ISTECH05A	BE6183	880615		6,540,000		12,000
ISTECH06A	BE6182	880615		2,270,000		8,800
ISTECH07A	BE6185	880616		2,580,000		11,000
ISTECH08A	BE6184	880615		4,530,000		9,300
ISTECHA07	BE6186	880616		3,630,000		11,000
Manganese						
ISTECH01A	BE6187	880616		664,000		1,300
ISTECH02A	BE6179	880615		834,000		1,200
ISTECH03A	BE6180	880615		719,000		820
ISTECH04A	BE6181	880615		443,000		1,200
ISTECH05A	BE6183	880615		894,000		1,400
ISTECH06A	BE6182	880615		444,000		1,200
ISTECH07A	BE6185	880616		452,000		1,400
ISTECH08A	BE6184	880615		1,140,000		1,100
ISTECHA07	BE6186	880616		981,000		1,400
Nickel						
ISTECH01A	BE6187	880616	BMDL	2,500		2,800
ISTECH02A	BE6179	880615		5,000		2,800
ISTECH03A	BE6180	880615		3,700		2,700
ISTECH04A	BE6181	880615	BMDL	2,300		2,600
ISTECH05A	BE6183	880615		3,800		3,400
ISTECH06A	BE6182	880615		9,200		2,500
ISTECH07A	BE6185	880616		3,900		3,100
ISTECH08A	BE6184	880615		2,800		2,700
ISTECHA07	BE6186	880616		4,000		3,200
Potassium						
ISTECH01A	BE6187	880616		250,000		24,000
ISTECH02A	BE6179	880615		380,000		24,000
ISTECH03A	BE6180	880615		590,000	J	23,000
ISTECH04A	BE6181	880615		840,000	J	22,000

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS - TECHNICON (continued)						
Potassium (continued)						
ISTECH05A	BE6183	880615		180,000		29,000
ISTECH06A	BE6182	880615		390,000		22,000
ISTECH07A	BE6185	880616		200,000		27,000
ISTECH08A	BE6184	880615		550,000	J	23,000
ISTECHA07	BE6186	880616		200,000		28,000
Sodium						
ISTECH01A	BE6187	880616		51,000		37,000
ISTECH02A	BE6179	880615		92,000		37,000
ISTECH03A	BE6180	880615		330,000		35,000
ISTECH04A	BE6181	880615		70,000		35,000
ISTECH05A	BE6183	880615		140,000		45,000
ISTECH06A	BE6182	880615		87,000		34,000
ISTECH07A	BE6185	880616		120,000		41,000
ISTECH08A	BE6184	880615		160,000		36,000
ISTECHA07	BE6186	880616		150,000		43,000
Thallium						
ISTECH01A	BE6187	880616	ND	29	U	2,400
ISTECH03A	BE6180	880615	ND	28	U	2,300
ISTECH04A	BE6181	880615	ND	27	U	2,200
ISTECH07A	BE6185	880616	ND	190	U	2,700
ISTECH08A	BE6184	880615	ND	28	U	2,300
ISTECHA07	BE6186	880616	ND	2.80	U	2,800
Vanadium						
ISTECH01A	BE6187	880616		68,000		3,900
ISTECH02A	BE6179	880615		70,000		3,900
ISTECH03A	BE6180	880615		80,000		3,700
ISTECH04A	BE6181	880615		55,000		3,600
ISTECH05A	BE6183	880615		72,000		4,700
ISTECH06A	BE6182	880615		56,000		3,500
ISTECH07A	BE6185	880616		56,000		4,300
ISTECH08A	BE6184	880615		56,000		3,800
ISTECHA07	BE6186	880616		72,000		4,500
% Solid						
ISTECH01A	BE6187	880616		82.90	NA	0
ISTECH02A	BE6179	880615		83.70	NA	0
ISTECH02B	BE6106	880615		89.30	NA	0
ISTECH02C	BE6107	880615		87.20	NA	0
ISTECH03A	BE6180	880615		87.20	NA	0
ISTECH03B	BE6108	880615		89.80	NA	0
ISTECH03C	BE6109	880615		83.50	NA	0
ISTECH04A	BE6181	880615		89.20	NA	0
ISTECH04B	BE6111	880615		83.70	NA	0
ISTECH04C	BE6112	880615		84	NA	0
ISTECH05A	BE6183	880615		69.20	NA	0

FRO 001 1123

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS - TECHNICON (continued)						
% Solid (continued)						
ISTECH06A	BE6182	880615		91.20	NA	0
ISTECH07A	BE6185	880616		74.70	NA	0
ISTECH08A	BE6184	880615		89.20	NA	0
ISTECH08B	BE6125	880615		85.30	NA	0
ISTECH08C	BE6126	880615		85.30	NA	0
ISTECH09A	BE6115	880615		81.40	NA	0
ISTECH10A	BE6116	880615		82.40	NA	0
ISTECH11A	BE6117	880615		77.70	NA	0
ISTECH12A	BE6121	880615		79	NA	0
ISTECH13A	BE6122	880615		84	NA	0
ISTECH14A	BE6123	880615		73.60	NA	0
ISTECH15A	BE6124	880615		65	NA	0
ISTECH16A	BE6113	880615		81.10	NA	0
ISTECH17A	BE6129	880616		81	NA	0
ISTECH18A	BE6130	880616		84.20	NA	0
ISTECH19A	BE6131	880616		75.90	NA	0
ISTECH20A	BE6132	880616		79.30	NA	0
ISTECHA07	BE6186	880616		72.30	NA	0
ISTECHA16	BE6114	880615		80.60	NA	0
ISTECHB02	BE6110	880615		87.80	NA	0
OTHER/MISCELLANEOUS - WJK						
Aluminum						
ISWJKC01A	CA1174	890714		13,200,000	R	27,000
ISWJKC02A	CA1175	890714		20,000,000	R	29,000
Antimony						
ISWJKC01A	CA1174	890714	BMDL	10,000	UJ	16,000
ISWJKC02A	CA1175	890714	BMDL	5,000	UJ	17,000
Beryllium						
ISWJKC01A	CA1174	890714	ND	19	U	270
ISWJKC02A	CA1175	890714	BMDL	100		290
Calcium						
ISWJKC01A	CA1174	890714		75,300,000	R	53,000
ISWJKC02A	CA1175	890714		10,200,000	R	58,000
Cobalt						
ISWJKC01A	CA1174	890714		11,000	J	5,300
ISWJKC02A	CA1175	890714		16,000	J	5,800
Cyanide, Total						
ISWJKC01A	CA1174	890714		< 600	NA	600
ISWJKC02A	CA1175	890714		< 700	NA	700

FRO 001 1124

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS - WJK (continued)						
Iron						
ISWJKC01A	CA1174	890714		27,700,000	R	40,000
ISWJKC02A	CA1175	890714		37,900,000	R	43,000
Magnesium						
ISWJKC01A	CA1174	890714		6,480,000	R	27,000
ISWJKC02A	CA1175	890714		7,660,000	R	29,000
Manganese						
ISWJKC01A	CA1174	890714		918,000		1,300
ISWJKC02A	CA1175	890714		1,120,000		1,400
Nickel						
ISWJKC01A	CA1174	890714	BMDL	4,400		5,300
ISWJKC02A	CA1175	890714	BMDL	3,500		5,800
Potassium						
ISWJKC01A	CA1174	890714		420,000		130,000
ISWJKC02A	CA1175	890714		400,000		140,000
Sodium						
ISWJKC01A	CA1174	890714		310,000		130,000
ISWJKC02A	CA1175	890714		210,000		140,000
Thallium						
ISWJKC01A	CA1174	890714	ND	26	U	2,700
ISWJKC02A	CA1175	890714	ND	130	U	2,900
Vanadium						
ISWJKC01A	CA1174	890714		65,000	J	5,300
ISWJKC02A	CA1175	890714		100,000	J	5,800
% Solid						
ISWJKC03A	CA1166	890714		83.60	NA	0
ISWJKC03B	CA1167	890714		84.70	NA	0
ISWJKC04A	CA1170	890714		77.20	NA	0
ISWJKC04B	CA1171	890714		83.80	NA	0
ISWJKC04C	CA1172	890714		80.30	NA	0
ISWJKC05A	CA1173	890714		90	NA	0
ISWJKCB03	CA1168	890714		85.60	NA	0
OTHER/MISCELLANEOUS - RUNOFF						
% Solid						
ISRUOFF01A	*BH8798*	*890123*		*77.10*	NA	0

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS - SQUIBB SEDIMENT						
Aluminum						
ISSBSED04	CA0838	890523		4,410,000		25,000
ISSBSED06	CA0839	890525		7,480,000		27,000
Antimony						
ISSBSED04	CA0838	890523	ND	2,900	UJ	15,000
ISSBSED06	CA0839	890525	BMDL	5,700	UJ	16,000
Beryllium						
ISSBSED06	CA0839	890525	BMDL	99	R	270
Calcium						
ISSBSED04	CA0838	890523		3,800,000		51,000
ISSBSED06	CA0839	890525		16,600,000		55,000
Cobalt						
ISSBSED04	CA0838	890523		7,100		5,100
ISSBSED06	CA0839	890525		9,600		5,500
Iron						
ISSBSED04	CA0838	890523		11,800,000		38,000
ISSBSED06	CA0839	890525		19,200,000		41,000
Magnesium						
ISSBSED04	CA0838	890523		3,710,000		25,000
ISSBSED06	CA0839	890525		2,840,000		27,000
Manganese						
ISSBSED04	CA0838	890523		337,000	R	1,300
ISSBSED06	CA0839	890525		479,000	R	1,400
Nickel						
ISSBSED04	CA0838	890523		8,500	J	5,100
ISSBSED06	CA0839	890525		37,000	J	5,500
Potassium						
ISSBSED04	CA0838	890523		270,000		130,000
ISSBSED06	CA0839	890525		520,000		140,000
Sodium						
ISSBSED04	CA0838	890523	BMDL	82,000		130,000
ISSBSED06	CA0839	890525		390,000		140,000
Thallium						
ISSBSED06	CA0839	890525	BMDL	600		2,700
Vanadium						
ISSBSED04	CA0838	890523		29,000		5,100
ISSBSED06	CA0839	890525		39,000		5,500

TABLE 4-21 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS - SQUIBB SEDIMENT (continued)						
% Solid						
ISSBSED04	CA0838	890523		78.50	NA	0

J - Estimated
NA - Not applicable
R - Data rejected by data validation team
U - Not detected, associated value below the Sample Quantitation Limit
UJ - Not detected, associated value is estimated and is below the Sample Quantitation Limit
UR - Value is below Sample Quantitation Limit; data rejected by data validation team

FRO 001 1127

TABLE 4-22

HSL Data for Squibb Storm Sewer Water Samples
(values in ug/l)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
VOLATILE ORGANIC COMPOUNDS						
Acetone						
ISSBSED01	CA0835	890525		40,800	J	10
ISSBSED02	CA1106	890713		14.50	U	10
ISSBSED03	CA1107	890713		13.40	U	10
Carbon disulfide						
ISSBSED02	CA1106	890713		51.10		5
ISSBSED03	CA1107	890713	BMDL	3.81	UJ	5
ISSBSED05	CA1108	890713	BMDL	4.45	U	5
Methylene chloride						
ISSBSED01	CA0835	890525		101	J	5
ISSBSED02	CA1106	890713		13.30	U	5
ISSBSED03	CA1107	890713		23.90	U	5
ISSBSED05	CA1108	890713		6.62	U	5
Methyl-iso-butyl ketone						
ISSBSED01	CA0835	890525		13.50	U	10
RCRA METALS						
Arsenic						
ISSBSED02	CA1106	890713	BMDL	2.10		10
ISSBSED03	CA1107	890713	ND	0.74	U	10
ISSBSED05	CA1108	890713	BMDL	2.50		10
Barium						
ISSBSED02	CA1106	890713		54		20
ISSBSED03	CA1107	890713	BMDL	11		20
ISSBSED05	CA1108	890713		62		20
Cadmium						
ISSBSED02	CA1106	890713	BMDL	0.47	U	2
Chromium						
ISSBSED02	CA1106	890713	ND	0.18	U	10
ISSBSED03	CA1107	890713	ND	0.97	U	10
ISSBSED05	CA1108	890713	BMDL	5	U	10
Copper						
ISSBSED02	CA1106	890713	BMDL	8.10		10
ISSBSED03	CA1107	890713	BMDL	4.40		10
ISSBSED05	CA1108	890713		12		10

FRO 001 1128

TABLE 4-22 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
RCRA METALS (continued)						
Lead						
ISSBSED02	CA1106	890713		6.60	J	5
ISSBSED03	CA1107	890713		14	J	5
ISSBSED05	CA1108	890713	BMDL	4.10	J	5
Zinc						
ISSBSED02	CA1106	890713		63		20
ISSBSED03	CA1107	890713		160		20
ISSBSED05	CA1108	890713		94		20
OTHER/MISCELLANEOUS						
Aluminum						
ISSBSED02	CA1106	890713		3,600		100
ISSBSED03	CA1107	890713		980		100
ISSBSED05	CA1108	890713		6,200		100
Antimony						
ISSBSED05	CA1108	890713	ND	5.70	UJ	60
Calcium						
ISSBSED02	CA1106	890713		14,000		200
ISSBSED03	CA1107	890713		6,800		200
ISSBSED05	CA1108	890713		14,000		200
Cyanide, Total						
ISSBSED02	CA1106	890713		< 10	NA	10
ISSBSED03	CA1107	890713		< 10	NA	10
ISSBSED05	CA1108	890713		< 10	NA	10
Iron						
ISSBSED02	CA1106	890713		3,700		150
ISSBSED03	CA1107	890713		1,000		150
ISSBSED05	CA1108	890713		6,300		150
Magnesium						
ISSBSED02	CA1106	890713		5,100	R	100
ISSBSED03	CA1107	890713		1,300	R	100
ISSBSED05	CA1108	890713		5,200	R	100
Manganese						
ISSBSED02	CA1106	890713		210		5
ISSBSED03	CA1107	890713		31		5
ISSBSED05	CA1108	890713		270		5
Nickel						
ISSBSED02	CA1106	890713	ND	2.40	UJ	20
ISSBSED05	CA1108	890713	ND	2.70	UJ	20

FRO 001 1129

TABLE 4-22 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS (continued)						
Potassium						
ISSBSED02	CA1106	890713		3,500		500
ISSBSED03	CA1107	890713		970		500
ISSBSED05	CA1108	890713		3,700		500
Sodium						
ISSBSED02	CA1106	890713		23,000	R	500
ISSBSED03	CA1107	890713		6,000	R	500
ISSBSED05	CA1108	890713		26,000	R	500
Thallium						
ISSBSED02	CA1106	890713	ND	0.51	U	10
ISSBSED03	CA1107	890713	ND	0.88	U	10
ISSBSED05	CA1108	890713	ND	1.20		10
Vanadium						
ISSBSED02	CA1106	890713	BMDL	12	J	20
ISSBSED03	CA1107	890713	BMDL	6.80	J	20
ISSBSED05	CA1108	890713	BMDL	18	J	20

J - Estimated
NA - Not applicable
R - Data rejected by data validation team
U - Not detected, associated value below the Sample Quantitation Limit
UJ - Not detected, associated value is estimated and is below the Sample Quantitation Limit
UR - Value is below Sample Quantitation Limit; data rejected by data validation team

FRO 001 1130

TABLE 4-23

ESL Data Summary for Industrial Soil Samples
(MDL = 80; values in ug/kg)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
Volatile Organic Compounds (0-6")						
ACETONE						
ISTECH	8	2	2	0	21.5	14
ISALCN	4	2	1	0	10.8	7.37
ISCLCN	2	1	1	0	18.6	18.6
ISDENT	4	3	2	0	64.5	30.2
ISREED	4	4	1	BMDL	23.8	9.6
ISDENV	2	2	1	BMDL	16.5	12.76
ISESPS	2	2	2	16.1	38	27.0
ISHWTP	8	5	4	0	37.2	24.0
ISOWNS	2	1	0	0	BMDL	8.99
ISPCR	3	1	1	0	29.9	29.9
ISPEER	2	2	2	6.8	12.4	9.6
ISSQBB	4	5	0	BMDL	6.78	5.23
Total	41	28	17	0	64.5	15.89
BENZENE						
ISDENV	2	1	0	0	BMDL	1.96
METHYLENE CHLORIDE						
ISTECH	8	6	6	0	12	7.69
ISALCN	4	3	3	0	7.75	6.67
ISCLCN	2	2	2	11.1	11.8	11.45
ISDENV	2	2	2	7.66	8.81	8.24
ISESPS	2	2	2	7.31	23.6	15.66
ISHWTP	8	7	7	8.99	90	29.5
ISOWNS	2	2	1	BMDL	10.6	6.99
ISPCR	2	2	1	BMDL	11.48	7.77
ISPEER	2	2	2	5.99	48.9	27.45
ISSQBB	4	5	0	BMDL	BMDL	3.76
ISWJK	2	1	0	0	BMDL	3.8
Total	38	33	26	0	90	13.53
1,1,2,2-TETRACHLOROETHANE						
ISDENV	2	1	0	0	BMDL	2.12
TOLUENE						
ISDENV	2	2	0	BMDL	BMDL	3.2
ISHWTP	6	1	0	0	BMDL	3.37
Total	8	3	0	0	BMDL	3.25
O+P XYLENES						
ISSQBB	5	1	0	0	BMDL	2.76

FRO 001 1131

TABLE 4-23 (continued)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
Base/Neutral Extractable Compounds (0-6")						
BENZO(A)ANTHRACENE						
ISREED	4	1	0	0	BMDL	142
ISHWTP	8	1	0	0	BMDL	112
Total	12	2	0	0	BMDL	127
BENZO(A)PYRENE						
ISREED	4	1	0	0	BMDL	203
ISHWTP	8	1	0	0	BMDL	57.9
Total	12	2	0	0	BMDL	130.5
BENZO(B)FLUORANTHENE						
ISREED	4	1	0	0	BMDL	261
ISHWTP	8	1	0	0	BMDL	102
Total	12	2	0	0	BMDL	182
BIS(2-ETHYLHEXYL)PHTHALATE						
ISALCN	4	2	1	BMDL	1,310	893.5
ISDENT	4	4	1	BMDL	4,920	1,380.5
ISREED	4	4	0	BMDL	BMDL	132.3
ISESPS	2	1	0	0	BMDL	108
ISHWTP	8	1	1	0	768	768
ISOWNS	2	1	1	0	455	455
ISPCR	2	1	1	0	1,220	1,035
ISPEER	2	2	0	BMDL	BMDL	182.8
Total	28	16	5	0	4,920	660.6
BUTYL BENZYL PHTHALATE						
ISDENT	4	1	0	0	BMDL	101
ISPEER	2	1	0	0	BMDL	164
Total	6	2	0	0	BMDL	139
CHRYSENE						
ISREED	4	1	0	0	BMDL	202
ISHWTP	8	1	0	0	BMDL	78.3
Total	12	2	0	0	BMDL	140.2
DIETHYL PHTHALATE						
ISDENT	4	4	0	BMDL	BMDL	143.5
ISREED	4	4	0	BMDL	BMDL	153
ESPLAS	3	1	0	0	BMDL	19.5
Total	12	9	0	0	BMDL	133.9
DI-N-BUTYL PHTHALATE						
ISESPS	2	2	0	BMDL	BMDL	100.3
ISHWTP	8	5	4	0	2,640	1,891
ISPEER	2	2	0	BMDL	BMDL	95.3
Total	14	9	4	0	2,640	1,095.6

FRO 001 1132

TABLE 4-23 (continued)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
Base/Neutral Extractable Compounds (0-6") (continued)						
DI-N-OCTYL PHTHALATE						
ISREED	4	1	0	0	BMDL	468
ISDENV	2	1	1	0	4,460	4,460
Total	6	2	1	0	4,460	2,464
FLUORANTHENE						
ISREED	4	1	0	0	BMDL	306
ISHWTP	8	1	0	0	BMDL	55.8
Total	12	2	0	0	BMDL	180.9
INDENO(1,2,3-C,D) PYRENE						
ISREED	4	1	0	0	BMDL	156
ISOPHORONE						
ISPEER	2	2	0	BMDL	BMDL	103
NAPHTHALENE						
ISESP	2	2	0	BMDL	BMDL	11.3
ISPEER	2	2	0	BMDL	BMDL	15
Total	5	4	0	BMDL	BMDL	13.1
PHENANTHRENE						
ISREED	4	1	0	0	BMDL	88.1
PYRENE						
ISREED	4	1	0	0	BMDL	292
ISHWTP	8	1	0	0	BMDL	53.7
Total	12	2	0	0	BMDL	172.9
Acid Extractables (0-6")						
BENZOIC ACID						
ISREED	4	1	0	0	BMDL	144
Organochlorine Pesticides/PCB Compounds (0-6")						
ALPHA CHLORDANE						
ISALCN	4	1	1	0	280	280
DIELDRIN						
ISDENT	4	1	1	0	640	640
GAMMA-BHC						
ISREED	4	3	3	0	2,600	882

FRO 001 1133

TABLE 4-23 (continued)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
Organochlorine Pesticides/PCB Compounds (0-6") (continued)						
GAMMA-CHLORDANE						
ISALCN	4	1	1	0	550	550
ISOWNS	2	1	1	0	372	372
ISPCR	2	1	1	0	92.1	92.5
Total	8	3	3	0	550	276.6
HEPTACHLOR						
ISALCN	4	1	1	0	170	170
ISOWNS	2	1	1	0	173	173
ISPCR	2	1	1	0	25	25
Total	8	3	3	0	173	98
HEPTACHLOR EPOXIDE						
ISOWNS	2	1	1	0	44	44
RCRA Metals (0-6")						
ARSENIC						
ISTECH	8	8	0	ND	BMDL	924
ISALCN	4	4	0	ND	ND	613
ISCLCN	2	2	2	5,400	13,000	9,200
ISDENT	4	4	0	BMDL	BMDL	2,300
ISREED	4	4	1	BMDL	2,900	1,650
ISDENV	2	2	0	BMDL	BMDL	1,115
ISESPS	2	2	0	BMDL	BMDL	1,085
ISHWTP	8	8	1	ND	3,100	1,292
ISOWNS	2	2	0	BMDL	BMDL	2,100
ISPCR	2	2	0	BMDL	BMDL	1,850
ISPEER	2	2	2	3,500	430,000	216,750
ISSQBB	4	4	2	BMDL	5,400	2,715
ISWJK	2	2	1	BMDL	4,600	2,900
Total	46	46	9	ND	430,000	11,236
BARIUM						
ISTECH	8	8	8	67,000	166,000	101,750
ISALCN	4	4	4	125,000	277,000	179,500
ISCLCN	2	2	2	84,000	110,000	97,000
ISDENT	4	4	4	120,000	130,000	125,000
ISREED	4	4	4	79,000	220,000	124,250
ISDENV	2	2	2	72,000	400,000	236,000
ISESPS	2	2	2	175,000	190,000	182,500
ISHWTP	8	8	8	52,000	150,000	101,063
ISOWNS	2	2	2	97,000	180,000	138,500
ISPCR	2	2	2	85,000	102,500	93,750
ISPEER	2	2	2	109,000	159,000	134,000
ISSQBB	4	4	4	99,000	150,000	119,875
ISWJK	2	2	2	94,000	110,000	102,000
Total	46	46	46	52,000	400,000	125,750

FRO 001 1134

TABLE 4-23 (continued)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
RCRA Metals (0-6") (continued)						
CADMIUM						
ISTECH	8	6	0	0	BMDL	239
ISALCN	4	1	0	0	ND	230
ISDENT	4	4	0	BMDL	BMDL	268
ISREED	4	4	0	ND	BMDL	238
ISESPS	2	2	1	BMDL	610	493
ISPEER	2	2	1	ND	2,900	1,475
ISWJK	2	1	1	0	10,000	10,000
Total	26	20	3	0	10,000	881
CHROMIUM						
ISTECH	8	8	2	BMDL	16,000	7,863
ISALCN	4	4	1	BMDL	16,000	8,750
ISCLCN	2	2	2	4,900	8,200	6,550
ISDENT	4	4	4	6,400	17,000	9,925
ISREED	4	4	4	5,700	7,600	6,650
ISDENV	2	2	2	4,400	14,000	9,200
ISESPS	2	2	2	3,550	14,000	8,775
ISHWTP	8	8	8	6,500	21,000	12,050
ISOWNS	2	2	2	5,300	8,300	6,800
ISPCR	2	2	2	5,900	13,000	8,950
ISPEER	2	2	2	5,800	12,000	8,900
ISSQBB	4	4	3	BMDL	6,700	4,733
ISWJK	2	2	2	7,400	15,000	11,200
Total	46	46	36	BMDL	21,000	8,702
COPPER						
ISTECH	8	8	8	19,000	48,000	26,375
ISALCN	4	4	4	11,000	44,000	31,500
ISCLCN	2	2	2	19,000	22,000	20,500
ISDENT	4	4	4	30,000	81,000	44,500
ISREED	4	4	4	21,000	37,000	27,750
ISDENV	2	2	2	21,000	37,000	29,000
ISESPS	2	2	2	17,500	53,000	35,250
ISHWTP	8	8	8	22,000	64,000	34,313
ISOWNS	2	2	2	19,000	25,000	22,000
ISPCR	2	2	2	17,000	28,000	22,250
ISPEER	2	2	2	46,000	49,000	47,500
ISSQBB	4	4	4	9,750	28,000	20,188
ISWJK	2	2	2	27,000	60,000	43,500
Total	46	46	46	9,750	81,000	30,897
LEAD						
ISTECH	8	8	8	4,700	100,000	29,938
ISALCN	4	4	4	4,200	76,000	26,050
ISCLCN	R	R	R	R	R	R
ISDENT	4	4	4	5,900	29,000	12,925
ISREED	4	4	4	7,300	27,000	12,875
ISDENV	2	2	2	3,000	5,800	4,400

TABLE 4-23 (continued)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
RCRA Metals (0-6") (continued)						
LEAD (continued)						
ISESPS	2	2	2	7,900	16,000	11,950
ISHWTP	8	8	8	3,700	11,000	5,988
ISOWNS	2	2	2	13,000	30,000	21,500
ISPCR	R	R	R	R	R	R
ISPEER	2	2	2	43,000	70,000	56,500
ISSQBB	R	R	R	R	R	R
ISWJK	2	2	2	5,900	19,000	12,450
Total	38	38	38	3,000	100,000	18,642
SELENIUM						
ISTECH	8	1	0	0	ND	180
ISCLCN	2	2	0	ND	ND	270
ISDENV	2	2	0	ND	ND	130
ISESPS	2	1	0	0	ND	61
ISHWTP	8	8	0	0	ND	114.3
ISOWNS	2	1	0	0	BMDL	360
ISPCR	2	2	0	ND	ND	350
ISPEER	2	2	0	BMDL	BMDL	275
ISSQBB	4	4	0	ND	ND	133
ISWJK	2	2	0	BMDL	BMDL	360
Total	34	25	0	0	ND	192.8
RCRA Metals (0-6") (continued)						
SILVER						
ISTECH	8	7	0	0	BMDL	396
ISALCN	4	4	0	ND	ND	390
ISCLCN	2	2	0	ND	BMDL	400
ISDENT	4	1	0	0	BMDL	1,100
ISREED	4	1	1	0	5,300	5,300
ISDENV	2	1	0	0	ND	330
ISESPS	2	2	0	0	BMDL	640
ISHWTP	8	7	0	0	BMDL	590
ISOWNS	2	1	0	0	ND	190
ISPCR	2	2	0	ND	ND	153
ISPEER	2	2	0	BMDL	BMDL	640
ISSQBB	4	3	0	0	ND	199
ISWJK	2	2	0	ND	BMDL	615
Total	46	35	1	0	5,300	596
ZINC						
ISTECH	8	8	8	42,000	140,000	78,500
ISALCN	4	4	4	82,000	150,000	120,000
ISCLCN	R	R	R	R	R	R
ISDENT	4	4	4	78,000	140,000	102,000
ISREED	4	4	4	58,000	90,000	64,875
ISDENV	2	2	2	58,000	100,000	79,000
ISESPS	2	2	2	53,500	82,000	67,750
ISHWTP	8	8	8	52,000	130,000	90,563

TABLE 4-23 (continued)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
RCRA Metals (0-6") (continued)						
ZINC (continued)						
ISOWNS	2	2	2	60,000	110,000	85,000
ISPCR	R	R	R	R	R	R
ISPEER	2	2	2	120,000	180,000	150,000
ISSQBB	R	R	R	R	R	R
ISWJK	2	2	2	100,000	565,000	332,500
Total	38	38	38	42,000	565,000	103,382
Other/Miscellaneous Compounds (0-6")						
ALUMINUM						
ISTECH	8	8	8	8,740,000	17,800,000	11,786,875
ISALCN	4	4	4	4,650,000	20,100,000	14,237,500
ISCLCN	2	2	2	15,200,000	21,000,000	18,100,000
ISDENT	4	4	4	14,300,000	26,900,000	17,675,000
ISREED	4	5	5	9,690,000	14,500,000	11,838,000
ISDENV	R	R	R	R	R	R
ISESPS	2	2	2	7,110,000	14,300,000	10,705,000
ISHWTP	5	5	5	13,400,000	43,900,000	31,030,000
ISOWNS	2	2	2	10,400,000	16,900,000	13,650,000
ISPCR	2	2	2	19,500,000	24,450,000	21,975,000
ISPEER	2	2	2	18,000,000	23,700,000	20,850,000
ISSQBB	4	4	4	10,800,000	18,150,000	15,087,500
ISWJK	R	R	R	R	R	R
Total	39	39	39	4,650,000	43,900,000	16,852,564
ANTIMONY						
ISTECH	8	3	0	0	ND	75
ISALCN	4	3	0	0	BMDL	218
ISCLCN	2	2	0	BMDL	BMDL	9,650
ISDENT	4	4	0	ND	BMDL	6,275
ISREED	4	4	0	BMDL	BMDL	5,875
ISDENV	2	2	1	BMDL	16,000	15,000
ISHWTP	8	8	2	BMDL	21,000	11,038
ISPCR	2	2	1	BMDL	14,500	8,800
ISSQBB	4	4	0	ND	BMDL	4,162
ISWJK	2	2	0	BMDL	BMDL	7,500
Total	40	34	4	0	21,000	6,951
BERYLLIUM						
ISALCN	4	1	0	0	BMDL	66
ISCLCN	R	R	R	R	R	R
ISDENT	R	R	R	R	R	R
ISREED	R	R	R	R	R	R
ISESPS	2	2	0	BMDL	BMDL	158
ISHWTP	9	6	0	0	BMDL	80
ISOWNS	2	2	1	BMDL	300	200
ISPCR	R	R	R	R	R	R
ISSQBB	R	R	R	R	R	R
ISWJK	2	2	0	ND	BMDL	60
Total	19	13	1	0	300	106

TABLE 4-23 (continued)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
Other/Miscellaneous Compounds (0-6") (continued)						
CALCIUM						
ISTECH	8	8	8	2,100,000	63,700,000	12,061,250
ISALCN	4	4	4	1,900,000	8,980,000	5,302,500
ISCLCN	2	2	2	7,670,000	19,300,000	13,485,000
ISDENT	4	4	4	3,500,000	27,900,000	9,800,000
ISREED	4	4	4	2,400,000	3,600,000	3,162,500
ISDENV	R	R	R	R	R	R
ISESPS	2	2	2	2,400,000	5,270,000	3,835,000
ISHWTP	5	5	5	3,600,000	84,800,000	28,682,000
ISOWNS	2	2	2	3,000,000	7,520,000	5,260,000
ISPCR	2	2	2	2,300,000	3,200,000	2,750,000
ISPEER	2	2	2	4,540,000	11,200,000	7,870,000
ISSQBB	4	4	4	2,400,000	3,990,000	3,047,500
ISWJK	R	R	R	R	R	R
Total	39	39	39	1,900,000	84,800,000	10,039,743
COBALT						
ISTECH	8	8	7	BMDL	16,000	10,169
ISALCN	4	4	3	BMDL	19,000	11,900
ISCLCN	2	2	2	18,000	18,000	18,000
ISDENT	4	4	4	12,000	13,000	12,500
ISREED	4	4	5	9,400	13,000	10,700
ISDENV	2	2	2	13,000	17,000	15,000
ISESPS	2	2	2	6,400	12,000	9,300
ISHWTP	8	8	7	BMDL	17,000	11,513
ISOWNS	2	2	2	8,000	15,000	11,500
ISPCR	2	2	2	15,000	20,000	17,500
ISPEER	2	2	2	14,000	18,000	16,000
ISSQBB	4	4	4	7,600	17,000	13,400
ISWJK	2	2	2	11,000	16,000	13,500
Total	46	46	43	BMDL	20,000	12,371
CYANIDE						
ISTECH	8	8	0	< 500	< 700	613
ISALCN	4	4	0	< 500	< 700	600
ISDENT	4	4	1	< 60	970	350
ISREED	4	4	0	< 270	420	363
ISDENV	2	2	0	< 600	< 600	600
ISESPS	2	2	0	< 600	< 600	600
ISHWTP	8	8	0	< 330	< 600	526
ISPEER	2	2	0	< 600	< 600	600
ISWJK	2	2	0	< 600	< 700	650
Total	36	36	1	< 60	970	535

FRO 001 1138

TABLE 4-23 (continued)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
Other/Miscellaneous Compounds (0-6") (continued)						
IRON						
ISTECH	8	8	8	18,800,000	28,700,000	26,275,000
ISALCN	4	4	4	9,610,000	38,500,000	27,802,500
ISCLCN	2	2	2	37,100,000	40,000,000	38,550,000
ISDENT	4	4	4	25,400,000	32,400,000	28,850,000
ISREED	5	5	5	19,600,000	27,700,000	23,400,000
ISDENV	R	R	R	R	R	R
ISESPS	2	2	2	13,350,000	27,500,000	20,425,000
ISHWTP	5	5	5	16,100,000	41,300,000	30,920,000
ISOWNS	2	2	2	20,600,000	37,000,000	28,800,000
ISPCR	2	2	2	38,100,000	48,000,000	43,050,000
ISPEER	2	2	2	29,600,000	34,100,000	31,850,000
ISSQBB	5	5	5	18,500,000	32,700,000	26,275,000
ISWJK	R	R	R	R	R	R
Total	39	39	39	9,610,000	48,000,000	28,255,384
MAGNESIUM						
ISTECH	8	8	8	1,670,000	6,540,000	3,648,125
ISALCN	4	4	4	2,310,000	7,290,000	5,032,500
ISCLCN	2	2	2	6,730,000	7,930,000	7,330,000
ISDENT	4	4	4	5,000,000	6,480,000	5,435,000
ISREED	4	4	4	2,600,000	4,300,000	3,375,000
ISDENV	R	R	R	R	R	R
ISESPS	2	2	2	2,800,000	3,335,000	3,067,500
ISHWTP	9	9	9	2,100,000	7,110,000	5,260,000
ISOWNS	2	2	2	3,780,000	5,180,000	4,480,000
ISPCR	3	3	3	3,700,000	6,420,000	5,060,000
ISPEER	2	2	2	5,740,000	8,880,000	7,310,000
ISSQBB	R	R	R	R	R	R
ISWJK	R	R	R	R	R	R
Total	35	35	35	1,670,000	8,880,000	4,724,286
MANGANESE						
ISTECH	8	8	8	443,000	1,140,000	731,813
ISALCN	4	4	4	516,000	1,080,000	849,250
ISCLCN	R	R	R	R	R	R
ISDENT	4	4	4	519,000	817,000	682,750
ISREED	4	4	4	376,000	1,160,000	678,500
ISDENV	2	2	2	699,000	2,770,000	1,734,500
ISESPS	2	2	2	626,500	1,060,000	843,250
ISHWTP	8	8	8	203,000	981,000	484,188
ISOWNS	2	2	2	788,000	839,000	813,500
ISPCR	R	R	R	R	R	R
ISPEER	2	2	2	818,000	1,280,000	1,049,000
ISSQBB	4	4	4	772,000	1,160,000	999,500
ISWJK	2	2	2	918,000	1,120,000	1,019,000
Total	42	42	42	203,000	2,770,000	797,298

TABLE 4-23 (continued)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
Other/Miscellaneous Compounds (0-6") (continued)						
NICKEL						
ISTECH	8	8	6	BMDL	9,200	4,156
ISALCN	4	4	3	BMDL	7,300	4,575
ISCLCN	2	2	0	BMDL	BMDL	3,000
ISDENT	4	4	3	BMDL	8,800	4,775
ISREED	4	4	0	BMDL	BMDL	2,813
ISDENV	2	2	0	BMDL	BMDL	2,800
ISESPS	2	2	0	BMDL	BMDL	2,750
ISHWTP	8	8	5	BMDL	12,000	6,300
ISOWNS	2	2	0	BMDL	BMDL	3,100
ISPCR	2	2	0	BMDL	BMDL	3,575
ISPEER	2	2	2	3,500	9,000	6,250
ISSQBB	4	4	0	BMDL	BMDL	2,750
ISWJK	2	2	0	BMDL	BMDL	3,950
Total	46	46	19	BMDL	12,000	4,221
POTASSIUM						
ISTECH	8	8	8	180,000	840,000	422,500
ISALCN	4	4	4	400,000	950,000	647,500
ISCLCN	2	2	2	290,000	320,000	305,000
ISDENT	4	4	4	250,000	870,000	457,500
ISREED	4	4	4	145,000	400,000	263,750
ISDENV	2	2	2	200,000	450,000	325,000
ISESPS	2	2	2	635,000	2,100,000	1,367,500
ISHWTP	8	8	8	260,000	2,100,000	1,040,000
ISOWNS	2	2	2	382,000	560,000	471,000
ISPCR	2	2	2	360,000	535,000	447,500
ISPEER	2	2	2	520,000	650,000	585,000
ISSQBB	4	4	4	135,000	390,000	251,250
ISWJK	2	2	2	400,000	420,000	410,000
Total	46	46	46	135,000	2,100,000	565,261
SODIUM						
ISTECH	8	8	8	51,000	330,000	133,125
ISALCN	4	4	4	230,000	560,000	340,000
ISCLCN	2	2	2	140,000	300,000	220,000
ISDENT	4	4	2	BMDL	510,000	225,250
ISREED	5	5	0	BMDL	BMDL	70,125
ISDENV	2	2	1	BMDL	980,000	540,000
ISESPS	2	2	2	170,000	175,000	172,500
ISHWTP	8	8	8	410,000	3,100,000	960,625
ISOWNS	2	2	2	170,000	170,000	170,000
ISPCR	2	2	1	BMDL	255,000	182,500
ISPEER	2	2	2	460,000	3,360,000	1,910,000
ISSQBB	4	4	4	260,000	2,250,000	1,100,000
ISWJK	2	2	2	210,000	310,000	260,000
Total	46	46	38	5,100	3,360,000	491,337

FRO 001 1140

TABLE 4-23 (continued)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
Other/Miscellaneous Compounds (0-6") (continued)						
THALLIUM						
ISTECH	8	5	0	0	ND	41.7
ISALCN	4	2	0	0	ND	29.5
ISCLCN	2	1	0	0	BMDL	490
ISDENV	2	1	0	0	ND	110
ISESPS	2	1	0	0	ND	79
ISHWTP	8	8	0	ND	ND	234
ISOWNS	2	2	0	ND	BMDL	355
ISPEER	2	2	0	ND	ND	68.5
ISSQBB	4	1	0	0	ND	34
ISWJK	2	2	0	ND	ND	78
Total	26	25	0	0	BMDL	154.3
VANADIUM						
ISTECH	8	8	8	55,000	80,000	65,125
ISALCN	4	4	4	22,000	110,000	73,000
ISCLCN	2	2	2	89,000	96,000	92,500
ISDENT	4	4	4	75,000	100,000	86,750
ISREED	4	4	4	56,000	80,000	68,250
ISDENV	2	2	2	96,000	98,000	97,000
ISESPS	2	2	2	35,000	93,000	64,250
ISHWTP	8	8	8	48,000	130,000	95,625
ISOWNS	2	2	2	57,000	110,000	83,500
ISPCR	2	2	2	110,000	130,000	120,000
ISPEER	2	2	2	83,000	89,000	86,000
ISSQBB	4	4	4	38,000	83,000	63,250
ISWJK	2	2	2	65,000	100,000	82,500
Total	46	46	46	22,000	130,000	80,489
% SOLID						
ISTECH	20	20	-	65	91.2	80.5
ISALCN	10	10	-	76.1	93.5	87.3
ISCLCN	1	1	-	91.2	91.2	91.2
ISDENT	10	10	-	53.4	80.5	68.4
ISREED	10	10	-	63.7	85.5	72.9
ISDENV	3	3	-	77.1	80.4	78.9
ISESPS	5	5	-	77.8	89.7	83.1
ISHWTP	12	12	-	55.9	78.9	70.3
ISOWNS	3	3	-	84.6	89.8	86.6
ISPCR	1	1	-	84.9	84.9	84.9
ISPEER	5	5	-	80.3	91.8	85.3
ISSQBB	4	4	-	86.3	89.8	87.5
ISWJK	3	3	-	77.2	90.0	83.6
Total	87	87	-	53.4	93.5	78.3

FRO 001 1141

TABLE 4-23 (continued)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
Other/Miscellaneous Compounds (6-18")						
% SOLID						
ISTECH	4	4	-	83.7	89.8	86.9
ISALCN	3	3	-	86.1	95.3	90.1
ISCLCN	1	1	-	82.7	82.7	82.7
ISDENT	3	3	-	67.6	82.3	76.1
ISREED	3	3	-	78.2	82.9	80.5
ISDENV	2	2	-	76.4	87.7	82.1
ISESPS	2	2	-	82.2	82.6	82.4
ISHWTP	6	6	-	74.7	83.8	78.7
ISOWNS	2	2	-	83.6	85.0	84.3
ISPCR	1	1	-	87.2	87.2	87.2
ISPEER	2	2	-	80.3	87.2	83.8
ISSQBB	3	3	-	85.1	93.0	89.8
ISWJK	2	2	-	83.8	85.2	84.5
Total	34	34	-	67.6	95.3	83.3
Other/Miscellaneous Compounds (18-36")						
% SOLID						
ISTECH	4	4	-	83.5	87.2	85.0
ISALCN	1	1	-	85.1	85.1	85.1
ISCLCN	1	1	-	86.0	86.0	86.0
ISDENT	2	2	-	74.9	81.5	78.2
ISREED	2	2	-	79.6	79.8	79.7
ISDENV	2	2	-	77.2	85.3	81.3
ISESPS	2	2	-	81.9	82.5	82.2
ISHWTP	4	4	-	74.7	85.4	80.0
ISPEER	2	2	-	75.6	85.3	80.5
ISSQBB	3	3	-	88.5	91.2	90.0
ISWJK	1	1	-	80.3	80.3	80.3
Total	24	24	-	74.7	91.2	82.7

R - Data rejected by data validation team

* Based on all samples with a concentration or estimated concentration greater than zero. Includes samples which are listed as BMDL (below method detection limit) or ND (not detected).

FRO 001 1142

TABLE 4-24
ESL Data Summary for Squibb Storm Sewer Sediment Samples
(values in ug/kg)

Sample Program: ISSBSED

Parameter	N	N>0	N≥MDL	Min	Max	Avg*
Volatile Organic Compounds						
ACETONE	2	1	0	0	BMDL	5,650
ETHYLBENZENE	2	1	1	0	54,000	54,000
METHYLENE CHLORIDE	2	2	2	10	3,700	1,855
M-XYLENE	2	1	1	0	96,500	96,500
O+P XYLENES	2	1	1	0	33,700	33,700
Base Neutral/Extractable Compounds						
BIS(2-ETHYLHEXYL)PHTHALATE	2	1	1	0	1,230	1,230
FLUORANTHENE	2	1	0	0	BMDL	129
2-METHYLNAPHTHALENE	2	1	0	0	BMDL	352
NAPHTHALENE	2	1	0	0	BMDL	138
PHENANTHRENE	2	1	0	0	BMDL	203
PYRENE	2	1	0	0	BMDL	75.3
Acid Extractables						
2,4-DIMETHYLPHENOL	2	1	0	0	BMDL	245
4-METHYLPHENOL	2	1	1	0	624	624
RCRA Metals						
ARSENIC	2	2	1	BMDL	3,300	2,125
BARIUM	2	2	2	48,000	120,000	84,000
CADMIUM	2	1	0	0	ND	100
CHROMIUM	2	2	2	19,000	21,000	20,000
COPPER	2	2	2	25,000	81,000	53,000
LEAD	R	R	R	R	R	R
SELENIUM	2	1	0	0	ND	110
SILVER	2	1	0	0	BMDL	750
ZINC	R	R	R	R	R	R
Other/Miscellaneous Compounds						
ALUMINUM	2	2	2	4,410,000	7,480,000	5,945,000
ANTIMONY	2	2	0	ND	BMDL	4,300
BERYLLIUM	R	R	R	R	R	R
CALCIUM	2	2	2	3,800,000	16,600,000	10,200,000
COBALT	2	2	2	7,100	9,600	8,350
IRON	2	2	2	11,800,000	19,200,000	15,500,000
MAGNESIUM	2	2	2	2,840,000	3,710,000	3,275,000
MANGANESE	R	R	R	R	R	R
NICKEL	2	2	2	8,500	37,000	22,750
POTASSIUM	2	2	2	270,000	520,000	395,000

FRO 001 1143

TABLE 4-24 (continued)

Parameter	N	N>0	N≥MDL	Min	Max	Avg*
Other/Miscellaneous Compounds (continued)						
SODIUM	2	2	1	82,000	390,000	236,000
THALLIUM	2	1	0	BMDL	600	600
VANADIUM	2	2	2	29,000	39,000	34,000
% SOLID	1	1	1	78.5	78.5	78.5

R - Data rejected by data validation team

* Based on all samples with a concentration or estimated concentration greater than zero. Includes samples which are listed as BMDL (below method detection limit) or ND (not detected).

FRO 001 1144

TABLE 4-25

HSL Data Summary for Squibb Storm Sewer Water Samples
(MD: = 80; values in ug/l)

Sample Program: ISSBSED

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
Volatile Organic Compounds						
ACETONE	4	3	3	0	40,800	13,609.3
CARBON DISULFIDE	4	3	1	0	51.1	19.79
METHYLENE CHLORIDE	4	4	4	6.62	101	36.21
METHYL ISOBUTYL KETONE	4	1	1	0	13.5	13.5
RCRA Metals						
ARSENIC	3	3	0	ND	BMDL	1.78
BARIUM	3	3	2	BMDL	62	42
CADMIUM	3	1	0	0	BMDL	0.47
CHROMIUM	3	3	0	ND	BMDL	2.05
COPPER	3	3	1	BMDL	12	8.2
LEAD	3	3	2	BMDL	14	8.2
ZINC	3	3	3	63	160	106
Other/Miscellaneous Compounds						
ALUMINUM	3	3	3	980	6,200	3,593
ANTIMONY	3	1	0	0	ND	5.7
CALCIUM	3	3	3	6,800	14,000	11,600
CYANIDE	3	3	0	< 10	< 10	< 10
IRON	3	3	3	1,000	6,300	3,667
MAGNESIUM	R	R	R	R	R	R
MANGANESE	3	3	3	31	270	170
NICKEL	3	2	0	0	ND	2.6
POTASSIUM	3	3	3	970	3,700	2,723
SODIUM	R	R	R	R	R	R
THALLIUM	3	3	0	ND	ND	0.86
VANADIUM	3	3	0	BMDL	BMDL	12.3

R - Data rejected by data validation team

* Based on all samples with a concentration or estimated concentration greater than zero. Includes samples which are listed as BMDL (below method detection limit) or ND (not detected).

FRO 001 1145

TABLE 4-26

HSL Data for Background Industrial Soil Samples
(values in ug/kg)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
VOLATILE ORGANIC COMPOUNDS						
Acetone						
ISBG02A	BE6173	880609		19	U	4.30
ISBG04A	BE6189	880617		16.60		5.10
ISBG05A	BE6188	880617		5.86	UJ	5.10
ISBG06A	BE6169	880609		8.35	U	4.30
ISBG07A	BE6170	880609		8.64	U	4.40
ISBG08A	BE6172	880609		46.30	UJ	4.70
ISBG09A	BE6174	880609		11.10	UJ	4.50
ISBG10A	BH8780	890123		23	UJ	14
ISBG12A	BE6191	880617		16.60	UJ	4.90
ISBGA04	BE6190	880617		18.60		5.10
Methyl ethyl ketone						
ISBGA04	BE6190	880617		7.98	U	5.10
Methylene chloride						
ISBG01A	BE6171	880609	BMDL	4.79	U	4.90
ISBG03A	CA1180	890720		18.10	UJ	6.50
ISBG04A	BE6189	880617		17.20	J	5.10
ISBG06A	BE6169	880609		23	U	4.30
ISBG08A	BE6172	880609		8.71	UJ	4.70
ISBG09A	BE6174	880609	BMDL	4.34	UJ	4.50
ISBG11A	CA1181	890721		14.80	UJ	5.70
ISBG12A	BE6191	880617		17.10	UJ	4.90
ISBGA04	BE6190	880617		6.71	U	5.10
ISBGA12	BE6192	880617	BMDL	4.76	UJ	4.90
BASE/NEUTRAL EXTRACTABLES						
bis(2-ethylhexyl)phthalate						
ISBG02A	BE9330	880826		1,620		800
ISBG10A	BH8780	890123	BMDL	111	UJ	900
ISBG12A	BE6191	880617	BMDL	225	UJ	820
Diethyl phthalate						
ISBG10A	BH8780	890123	BMDL	192	UJ	900
Di-n-butyl phthalate						
ISBG01A	BE9335	880828	BMDL	338	U	910
ISBG02A	BE9330	880826	BMDL	79.70	U	800
ISBG03A	CA1748	890720		1,460	J	430
ISBG06A	BE9333	880828	BMDL	114	U	830
ISBG07A	BE9334	880828	BMDL	139	U	850
ISBG08A	BE9332	880826	BMDL	149	U	830
ISBG09A	BE9331	880826	BMDL	102	U	810
ISBG11A	CA1749	890721		1,280	J	380

TABLE 4-26 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
BASE/NEUTRAL EXTRACTABLES (continued)						
Fluoranthene						
ISBG06A	BE9333	880828	BMDL	52.80	U	830
Naphthalene						
ISBG02A	BE9330	880826	BMDL	13.80	U	800
ISBG06A	BE9333	880828	BMDL	11.50	U	830
ISBG07A	BE9334	880828	BMDL	12	U	850
ISBG08A	BE9332	880826	BMDL	12.40	U	830
ISBG09A	BE9331	880826	BMDL	13.30	U	810
Pyrene						
ISBG06A	BE9333	880828	BMDL	49.20	U	830
RCRA METALS						
Arsenic						
ISBG01A	BE6171	880609	BMDL	690		2,400
ISBG02A	BE6173	880609	BMDL	1,800		2,100
ISBG03A	CA1180	890720	BMDL	1,100	J	2,600
ISBG04A	BE6189	880617	BMDL	3,300		5,000
ISBG05A	BE6188	880617	BMDL	2,600		5,200
ISBG06A	BE6169	880609	BMDL	2,100		5,500
ISBG07A	BE6170	880609	BMDL	2,000		2,200
ISBG08A	BE6172	880609	BMDL	1,600		2,300
ISBG09A	BE6174	880609	BMDL	780		2,300
ISBG10A	BH8780	890123	BMDL	1,200		2,700
ISBG11A	CA1181	890721	BMDL	930	J	2,400
ISBG12A	BE6191	880617	BMDL	1,400		2,400
ISBGA04	BE6190	880617	BMDL	1,600		2,500
ISBGA12	BE6192	880617	BMDL	1,400		2,300
Barium						
ISBG01A	BE6171	880609		248,000		1,300
ISBG02A	BE6173	880609		98,900		1,300
ISBG03A	CA1180	890720		140,000		5,100
ISBG04A	BE6189	880617		275,000		1,200
ISBG05A	BE6188	880617		49,000		1,200
ISBG06A	BE6169	880609		135,000		1,300
ISBG07A	BE6170	880609		150,000		1,300
ISBG08A	BE6172	880609		98,000		1,300
ISBG09A	BE6174	880609		87,300		1,300
ISBG10A	BH8780	890123		130,000		5,500
ISBG11A	CA1181	890721		87,000		4,800
ISBG12A	BE6191	880617		110,000		1,100
ISBGA04	BE6190	880617		593,000		1,200
ISBGA12	BE6192	880617		117,000		1,100

TABLE 4-26 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
RCRA METALS (continued)						
Cadmium						
ISBG02A	BE6173	880609	ND	110	U	780
ISBG04A	BE6189	880617	ND	14	U	1,500
ISBG05A	BE6188	880617	ND	270		1,500
ISBG06A	BE6169	880609	BMDL	210		790
ISBG10A	BH8780	890123	BMDL	220		550
Chromium						
ISBG01A	BE6171	880609		6,700	J	5,600
ISBG02A	BE6173	880609		20,000		4,900
ISBG03A	CA1180	890720		2,800		2,600
ISBG04A	BE6189	880617		28,000		13,000
ISBG05A	BE6188	880617		18,000		13,000
ISBG06A	BE6169	880609		50,000		5,000
ISBG07A	BE6170	880609		11,000		5,100
ISBG08A	BE6172	880609		8,500	J	5,400
ISBG09A	BE6174	880609		8,700	J	5,200
ISBG10A	BH8780	890123		8,600		2,700
ISBG11A	CA1181	890721		6,600		2,400
ISBG12A	BE6191	880617	BMDL	8,500		12,000
ISBGA04	BE6190	880617		28,000		13,000
ISBGA12	BE6192	880617	BMDL	6,000		12,000
Copper						
ISBG01A	BE6171	880609		33,000		1,800
ISBG02A	BE6173	880609		65,000		1,600
ISBG03A	CA1180	890720		19,000	J	2,600
ISBG04A	BE6189	880617		74,000		3,400
ISBG05A	BE6188	880617		50,000		3,500
ISBG06A	BE6169	880609		84,000		1,600
ISBG07A	BE6170	880609		39,000		1,700
ISBG08A	BE6172	880609		35,000		1,700
ISBG09A	BE6174	880609		23,000	J	1,700
ISBG10A	BH8780	890123		61,000		2,700
ISBG11A	CA1181	890721		30,000	J	2,400
ISBG12A	BE6191	880617		43,000		3,200
ISBGA04	BE6190	880617		77,000		3,400
ISBGA12	BE6192	880617		50,000		3,100
Lead						
ISBG01A	BE6171	880609		2,200	J	1,200
ISBG02A	BE6173	880609		67,000		14,000
ISBG03A	CA1180	890720		6,100		1,300
ISBG04A	BE6189	880617		31,000		1,300
ISBG05A	BE6188	880617		7,400		1,300
ISBG06A	BE6169	880609		4,300	J	1,100
ISBG07A	BE6170	880609		8,000	J	1,100
ISBG08A	BE6172	880609		10,000		1,200
ISBG09A	BE6174	880609		1,500	J	1,100
ISBG10A	BH8780	890123		4,200		1,400

TABLE 4-26 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
RCRA METALS (continued)						
Lead (continued)						1,200
ISBG11A	CA1181	890721		3,100		1,200
ISBG12A	BE6191	880617		9,700		1,300
ISBGA04	BE6190	880617		25,000		1,200
ISBGA12	BE6192	880617		9,100		
Selenium					U	1,200
ISBG01A	BE6171	880609	ND	130	U	1,100
ISBG02A	BE6173	880609	ND	180		1,300
ISBG03A	CA1180	890720	BMDL	320	U	1,300
ISBG04A	BE6189	880617	ND	160	U	1,300
ISBG05A	BE6188	880617	ND	74		1,100
ISBG06A	BE6169	880609	BMDL	320		1,100
ISBG07A	BE6170	880609	BMDL	310	U	1,200
ISBG08A	BE6172	880609	ND	73		1,100
ISBG09A	BE6174	880609	BMDL	800	U	1,400
ISBG10A	BH8780	890123	ND	100	U	1,200
ISBG12A	BE6191	880617	ND	150	U	1,300
ISBGA04	BE6190	880617	ND	73	U	1,200
ISBGA12	BE6192	880617	ND	66		
Silver					U	2,800
ISBG01A	BE6171	880609	BMDL	640	U	2,400
ISBG02A	BE6173	880609	ND	44	U	2,600
ISBG03A	CA1180	890720	ND	130	U	3,300
ISBG04A	BE6189	880617	ND	290	U	3,300
ISBG05A	BE6188	880617	ND	290	U	2,500
ISBG06A	BE6169	880609	BMDL	670	U	2,500
ISBG07A	BE6170	880609	BMDL	680	U	2,600
ISBG09A	BE6174	880609	ND	260	U	2,400
ISBG11A	CA1181	890721	ND	330	U	3,100
ISBG12A	BE6191	880617	ND	140	U	3,300
ISBGA04	BE6190	880617	ND	580	U	3,000
ISBGA12	BE6192	880617	ND	0.46		
Zinc					J	2,000
ISBG01A	BE6171	880609		60,000	J	2,000
ISBG02A	BE6173	880609		69,000		5,100
ISBG03A	CA1180	890720		56,000		2,500
ISBG04A	BE6189	880617		81,000		2,600
ISBG05A	BE6188	880617		94,000	J	2,000
ISBG06A	BE6169	880609		73,000	J	2,000
ISBG07A	BE6170	880609		58,000		2,000
ISBG08A	BE6172	880609		66,000	J	2,000
ISBG09A	BE6174	880609		59,000		5,500
ISBG10A	BH8780	890123		61,000		4,800
ISBG11A	CA1181	890721		93,000		2,400
ISBG12A	BE6191	880617		80,000		2,500
ISBGA04	BE6190	880617		90,000		2,300
ISBGA12	BE6192	880617		85,000		

FRO 001 1149

09/12/1990

TABLE 4-26 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS						
Aluminum						
ISBG01A	BE6171	880609		18,600,000		26,000
ISBG02A	BE6173	880609		10,600,000		22,000
ISBG03A	CA1180	890720		19,000,000		26,000
ISBG04A	BE6189	880617		19,000,000		26,000
ISBG05A	BE6188	880617		11,800,000		27,000
ISBG06A	BE6169	880609		24,600,000		23,000
ISBG07A	BE6170	880609		20,300,000		23,000
ISBG08A	BE6172	880609		11,300,000		24,000
ISBG09A	BE6174	880609		14,200,000		24,000
ISBG10A	BH8780	890123		17,900,000		27,000
ISBG11A	CA1181	890721		24,200,000		24,000
ISBG12A	BE6191	880617		11,900,000		24,000
ISBGA04	BE6190	880617		17,400,000		26,000
ISBGA12	BE6192	880617		12,200,000		24,000
Antimony						
ISBG01A	BE6171	880609	ND	77	U	2,400
ISBG02A	BE6173	880609	ND	68	U	2,100
ISBG03A	CA1180	890720	BMDL	9,300	J	15,000
ISBG05A	BE6188	880617	ND	70	U	2,600
ISBG07A	BE6170	880609	ND	1.70	U	2,200
ISBG08A	BE6172	880609	ND	73	U	2,300
ISBG09A	BE6174	880609	ND	71	U	2,300
ISBG10A	BH8780	890123	BMDL	9,000	UJ	16,000
ISBG11A	CA1181	890721	BMDL	10,000	J	14,000
ISBG12A	BE6191	880617	ND	200	U	2,400
ISBGA04	BE6190	880617	ND	69	U	2,500
Beryllium						
ISBG03A	CA1180	890720	BMDL	170		260
ISBG10A	BH8780	890123	BMDL	69	R	270
ISBG11A	CA1181	890721	ND	20	U	240
Calcium						
ISBG01A	BE6171	880609		2,700,000		14,000
ISBG02A	BE6173	880609		6,400,000		13,000
ISBG03A	CA1180	890720		3,000,000	J	51,000
ISBG04A	BE6189	880617		590,000		31,000
ISBG05A	BE6188	880617		2,300,000		31,000
ISBG06A	BE6169	880609		5,230,000		13,000
ISBG07A	BE6170	880609		1,640,000		13,000
ISBG08A	BE6172	880609		2,830,000		14,000
ISBG09A	BE6174	880609		3,940,000		13,000
ISBG10A	BH8780	890123		2,100,000		55,000
ISBG11A	CA1181	890721		3,500,000	J	48,000
ISBG12A	BE6191	880617		3,550,000		29,000
ISBGA04	BE6190	880617		580,000		31,000
ISBGA12	BE6192	880617		3,540,000		28,000

TABLE 4-26 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS (continued)						
Cobalt						
ISBG01A	BE6171	880609		26,000		6,800
ISBG02A	BE6173	880609		10,000	J	5,900
ISBG03A	CA1180	890720		15,000	J	5,100
ISBG04A	BE6189	880617		19,000		7,700
ISBG05A	BE6188	880617		19,000		7,900
ISBG06A	BE6169	880609		28,000	J	6,000
ISBG07A	BE6170	880609		31,000	J	6,100
ISBG08A	BE6172	880609		10,000	J	6,500
ISBG09A	BE6174	880609		9,600	J	6,300
ISBG10A	BH8780	890123		25,000	J	5,500
ISBG11A	CA1181	890721		18,000	J	4,800
ISBG12A	BE6191	880617		12,000		7,300
ISBGA04	BE6190	880617		41,000		7,800
ISBGA12	BE6192	880617		7,800		7,100
Cyanide, Total						
ISBG01A	BE6171	880609		< 600	NA	600
ISBG02A	BE6173	880609		< 500	NA	500
ISBG03A	CA1180	890720		< 370	NA	600
ISBG04A	BE6189	880617		< 600	NA	600
ISBG05A	BE6188	880617		800	NA	700
ISBG06A	BE6169	880609		< 500	NA	500
ISBG07A	BE6170	880609		< 600	NA	600
ISBG08A	BE6172	880609		< 600	NA	600
ISBG09A	BE6174	880609		< 600	NA	600
ISBG10A	BH8780	890123		< 110	NA	690
ISBG11A	CA1181	890721		< 230	NA	600
ISBG12A	BE6191	880617		< 600	NA	600
ISBGA04	BE6190	880617		< 600	NA	600
ISBGA12	BE6192	880617		< 600	NA	600
Iron						
ISBG01A	BE6171	880609		41,200,000		41,000
ISBG02A	BE6173	880609		21,900,000		36,000
ISBG03A	CA1180	890720		29,600,000		38,000
ISBG04A	BE6189	880617		49,900,000		63,000
ISBG05A	BE6188	880617		36,400,000		65,000
ISBG06A	BE6169	880609		52,100,000		36,000
ISBG07A	BE6170	880609		57,000,000		37,000
ISBG08A	BE6172	880609		21,700,000		39,000
ISBG09A	BE6174	880609		25,400,000		38,000
ISBG10A	BH8780	890123		20,700,000		41,000
ISBG11A	CA1181	890721		43,000,000		36,000
ISBG12A	BE6191	880617		30,000,000		59,000
ISBGA04	BE6190	880617		54,400,000		64,000
ISBGA12	BE6192	880617		29,700,000		58,000

TABLE 4-26 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS (continued)						
Magnesium						
ISBG01A	BE6171	880609		5,750,000		6,000
ISBG02A	BE6173	880609		4,450,000		5,300
ISBG03A	CA1180	890720		6,520,000		26,000
ISBG04A	BE6189	880617		3,320,000		10,000
ISBG05A	BE6188	880617		3,280,000		10,000
ISBG06A	BE6169	880609		6,520,000		5,300
ISBG07A	BE6170	880609		2,120,000		5,400
ISBG08A	BE6172	880609		2,810,000		5,700
ISBG09A	BE6174	880609		5,200,000		5,600
ISBG10A	BH8780	890123		3,610,000		27,000
ISBG11A	CA1181	890721		14,300,000		24,000
ISBG12A	BE6191	880617		6,820,000		9,500
ISBGA04	BE6190	880617		3,060,000		10,000
ISBGA12	BE6192	880617		8,050,000		9,200
Manganese						
ISBG01A	BE6171	880609		1,740,000		1,300
ISBG02A	BE6173	880609		551,000		1,200
ISBG03A	CA1180	890720		1,250,000		1,300
ISBG04A	BE6189	880617		1,100,000		1,200
ISBG05A	BE6188	880617		973,000		1,300
ISBG06A	BE6169	880609		1,420,000		1,200
ISBG07A	BE6170	880609		2,520,000		1,200
ISBG08A	BE6172	880609		654,000		1,300
ISBG09A	BE6174	880609		725,000		1,200
ISBG10A	BH8780	890123		339,000		1,400
ISBG11A	CA1181	890721		1,340,000		1,200
ISBG12A	BE6191	880617		564,000		1,300
ISBGA04	BE6190	880617		3,460,000		1,200
ISBGA12	BE6192	880617		693,000		1,100
Nickel						
ISBG01A	BE6171	880609		3,700		3,200
ISBG02A	BE6173	880609		9,600		2,800
ISBG03A	CA1180	890720	BMDL	2,200		5,100
ISBG04A	BE6189	880617		10,000		2,900
ISBG05A	BE6188	880617		13,000		3,000
ISBG06A	BE6169	880609		17,000		2,800
ISBG07A	BE6170	880609		3,500		2,900
ISBG08A	BE6172	880609		3,300		3,100
ISBG09A	BE6174	880609		4,200		3,000
ISBG10A	BH8780	890123		6,800		5,500
ISBG11A	CA1181	890721	BMDL	3,800		4,800
ISBG12A	BE6191	880617		4,800		2,800
ISBGA04	BE6190	880617		9,300		2,900
ISBGA12	BE6192	880617		4,800		2,700

TABLE 4-26 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS (continued)						
Potassium						
ISBG01A	BE6171	880609		350,000		24,000
ISBG02A	BE6173	880609		740,000		21,000
ISBG03A	CA1180	890720		470,000		130,000
ISBG04A	BE6189	880617		730,000	J	25,000
ISBG05A	BE6188	880617		940,000	J	26,000
ISBG06A	BE6169	880609		470,000		22,000
ISBG07A	BE6170	880609		350,000		22,000
ISBG08A	BE6172	880609		930,000		23,000
ISBG09A	BE6174	880609		640,000		23,000
ISBG10A	BH8780	890123		410,000	J	140,000
ISBG11A	CA1181	890721		690,000		120,000
ISBG12A	BE6191	880617		920,000	J	24,000
ISBGA04	BE6190	880617		640,000	J	25,000
ISBGA12	BE6192	880617		1,300,000	J	23,000
Sodium						
ISBG01A	BE6171	880609		200,000		24,000
ISBG02A	BE6173	880609		140,000		21,000
ISBG03A	CA1180	890720	BMDL	110,000		130,000
ISBG04A	BE6189	880617		120,000		39,000
ISBG05A	BE6188	880617		91,000		40,000
ISBG06A	BE6169	880609		230,000		21,000
ISBG07A	BE6170	880609		100,000		21,000
ISBG08A	BE6172	880609		91,000		23,000
ISBG09A	BE6174	880609		94,000		22,000
ISBG10A	BH8780	890123		200,000		140,000
ISBG11A	CA1181	890721		620,000		120,000
ISBG12A	BE6191	880617		180,000		37,000
ISBGA04	BE6190	880617		130,000		39,000
ISBGA12	BE6192	880617		180,000		36,000
Thallium						
ISBG01A	BE6171	880609	ND	68	U	2,400
ISBG03A	CA1180	890720	ND	170	U	2,600
ISBG04A	BE6189	880617	ND	2.60	U	2,500
ISBG05A	BE6188	880617	ND	2.70	U	2,600
ISBG06A	BE6169	880609	ND	60	U	2,200
ISBG07A	BE6170	880609	ND	62	U	2,200
ISBG08A	BE6172	880609	ND	65	U	2,300
ISBG11A	CA1181	890721	ND	160	U	2,400
ISBGA04	BE6190	880617	ND	2.60	U	2,500
Vanadium						
ISBG01A	BE6171	880609		120,000		3,300
ISBG02A	BE6173	880609		62,000		2,900
ISBG03A	CA1180	890720		74,000		5,100
ISBG04A	BE6189	880617		140,000		4,100
ISBG05A	BE6188	880617		100,000		4,200

TABLE 4-26 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS (continued)						
Vanadium (continued)						
ISBG06A	BE6169	880609		160,000		2,900
ISBG07A	BE6170	880609		180,000		3,000
ISBG08A	BE6172	880609		68,000		3,100
ISBG09A	BE6174	880609		65,000		3,100
ISBG10A	BH8780	890123		95,000	J	5,500
ISBG11A	CA1181	890721		84,000		4,800
ISBG12A	BE6191	880617		73,000		3,800
ISBGA04	BE6190	880617		150,000		4,100
ISBGA12	BE6192	880617		68,000		3,700
% Solid						
ISBG01A	BE6171	880609		81.70	NA	0
ISBG01B	BE6090	880609		80.30	NA	0
ISBG01C	BE6091	880609		79.80	NA	0
ISBG02A	BE6173	880609		93.30	NA	0
ISBG02B	BE6092	880609		88.90	NA	0
ISBG02C	BE6093	880609		84.40	NA	0
ISBG03B	CA1178	890720		83.20	NA	0
ISBG04A	BE6189	880617		79.20	NA	0
ISBG04B	BE6136	880617		84.30	NA	0
ISBG04C	BE6137	880617		85.40	NA	0
ISBG05A	BE6188	880617		77.50	NA	0
ISBG05B	BE6133	880617		81.60	NA	0
ISBG05C	BE6134	880617		83.30	NA	0
ISBG06A	BE6169	880609		92.30	NA	0
ISBG07A	BE6170	880609		90.70	NA	0
ISBG08A	BE6172	880609		85.80	NA	0
ISBG09A	BE6174	880609		88.30	NA	0
ISBG10A	BH8780	890123		72.90	NA	0
ISBG12A	BE6191	880617		84.30	NA	0
ISBG13A	BE6138	880617		85.90	NA	0
ISBGA04	BE6190	880617		78.70	NA	0
ISBGA12	BE6192	880617		87.60	NA	0
ISBGC05	BE6135	880617		82.60	NA	0

J - Estimated
NA - Not applicable
R - Data rejected by data validation team
U - Not detected, associated value below the Sample Quantitation Limit
UJ - Not detected, associated value is estimated and is below the Sample Quantitation Limit
UR - Value is below Sample Quantitation Limit; data rejected by data validation team

FRO 001 1154

TABLE 4-27

Depth to Water Table Measurements
(values in meters above sea level)

Well Number	Top of Casing Elevation	Groundwater Elevation					
		May 24-25, 1988	June 1-2, 1988	Aug 28-30, 1988	Jan 20, 1989	May 25, 1989	Jul 25, 1989
X-12	4.710	0.106	0.637	1.295	1.448	0.881	1.250
S-15	4.840	1.029	1.120	1.532	1.715	1.331	1.166
E-23	5.430	2.442	2.396	2.823	3.204	2.845	2.579
I-12	4.853	2.353	2.414	2.749	3.054	2.704	2.841
J-14	4.592	1.848	1.940	2.275	2.549	2.138	1.086
A-08	5.372	2.537	2.720	3.055	3.229	-	-
B-07	4.690	2.144	2.160	2.434	2.617	2.388	2.541
D-34	4.905	2.207	2.237	2.588	2.939	2.649	2.740
G-08	5.363	1.933	1.979	2.284	2.604	2.284	2.406
Q-27	4.487	0.920	1.088	1.392	1.530	1.255	1.438
N-40	5.178	1.641	1.702	2.015	2.300	1.955	2.099
P-29	4.952	1.720	1.739	2.025	2.193	1.949	2.101
BG-2	10.836	9.556	9.495	9.982	-	-	-
BG-6	11.065	4.754	4.785	3.870	7.224	5.669	5.836

TABLE 4-28

Mercury Data for Groundwater and Potable Water Samples
(MDL = 0.2; values in ug/l)

Dynamac Number	ETC Number	Date	Total Mercury Lab Qual	Value	QA Qual	Inorganic Mercury Lab Qual	Value	QA Qual
Groundwater								
Ciudad Cristiana Wells								
GWA08	BE4685	880602	ND	0	*		0.22	*
GWB07	BE4684	880602	ND	0	U	BMDL	0.14	U
GWD34	BE4680	880602	ND	0	U	BMDL	0.11	U
GWE23	BE4683	880602	ND	0	U	BMDL	0.17	U
GWG08	BE4682	880602	BMDL	0.14	U *		0.38	*
GWI12	BE4679	880602	ND	0	U	BMDL	0.17	U
GWJ14	BE4681	880602	ND	0	U *		0.49	*
GWN40	BE4677	880602		0.33		ND	0	U
GWP29	BE4678	880602	ND	0	U	BMDL	0.14	U
GWQ27	BE4675	880602		0.22	J		0.26	J
GWS15	BE4676	880602	ND	0	U	ND	0	U
GWX12	BE4673	880602		0.33	J		0.4	J
GW12X	BE4674	880602		0.33	*		0.5	*
Industrial Wells								
GWALCN01	BE4686	880614	ND	0	U	ND	0	UJ
GWSQBB06A	CA0802	890522	ND	0	UJ	ND	0	U **
GWSQBB07A	CA0804	890522	ND	0	UJ	ND	0	U **
GWSQBB08A	CA0805	890522	ND	0	UJ	ND	0	U **
GWSQBB10A	CA0806	890522	ND	0	UJ	ND	0	U **
GWSQBBA06	CA0803	890522	ND	0	UJ	ND	0	U **
Background Wells								
GW06BG	BE4672	880601	ND	0	U	BMDL	0.15	U
GWBG02	BE4670	880601	ND	0	U	ND	0	U
GWBG06	BE4671	880601	ND	0	U	BMDL	0.12	U
Potable Water								
PW1	BD7663	880414	ND	0	U	ND		
PW2	BD7664	880414	ND	0	U	ND	0	UJ

J - Estimated
U - Not detected, associated value below the Sample Quantitation Limit
UJ - Not detected, associated value is estimated and is below the Sample Quantitation Limit
Note: *, **, R1 and R2 identify data points originally qualified "R" (rejected by the data validation team) but judged usable for data assessment purposes (see Appendix 7 for the explanation of these qualifiers)

TABLE 4-29

Mercury Data Summary for Groundwater Samples
(MDL = 0.2; values in ug/l)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
TOTAL MERCURY						
GW Ciudad Cristiana	12	4	3	0	0.33	0.09
GW Industries	5	0	0	0	0	0
GW Background	2	0	0	0	0	0
INORGANIC MERCURY						
GW Ciudad Cristiana	12	10	5	0	0.5	0.21
GW Industries	5	0	0	0	0	0
GW Background	2	1	0	0	BMDL	0.07

* Where values are shown as BMDL (Below Method Detection Limit) or ND (Not Detected), averages are calculated based on estimated concentrations which are below quantitation limits.

TABLE 4-30

Summary of Other Groundwater Mercury Sampling Efforts in Puerto Rico
(Total Mercury; values in ug/l)

Basin	Sampling Period	No. of Wells Sampled	No. of Samples Analyzed	Range	No. of Samples ≥ 0.1	No. of Wells w/1+ Analysis ≥ 0.1
Guajataca	85-86	3	6	<0.1-0.2	3	3
Grande de Arecibo	85-86	6	12	<0.1-0.1	3	2
Grande de Manati	85-89	5	12	0.1-4.1	3	1
Cibuco	85-89	5	10	<0.1-0.5	1	1
de la Plata	85-86	4	10	<0.1-0.2	4	3
Hondo to Puerto Nuevo	85-86	1	2	0.3	2	1
de Bayamon	85-86	3	6	<0.1-0.1	1	1
Puerto Nuevo	85-86	2	3	<0.1	0	0
Grande de Loiza	85-86	6	12	<0.1-0.3	5	3
Espiritu Santo	85-86	1	2	<0.1	0	0
Fajardo	85-86	2	4	<0.1-0.2	1	1
Humacao	85-86	1	2	<0.1-0.1	1	1
Guayanes	85-86	2	4	<0.1-0.1	1	1
Maunabo	85-86	1	2	<0.1	0	0
Chico	85-86	1	2	<0.1-0.1	1	1
Grande de Patillas	85-86	1	3	<0.1-0.2	1	1
Coamo	85-86	1	2	<0.1-0.1	1	1
Bucana	85-86	1	2	<0.1	0	0
Portugues	85-86	2	4	<0.1-0.1	1	1
Guayanilla	85-86	1	2	<0.1-0.2	1	1
Loco	85-86	1	2	<0.1-<0.9	1	1
Guanajibo	85-86	3	6	<0.1-0.1	1	1
Yaguez	85-86	1	2	<0.1	0	0
Grande de Anasco	85-86	3	8	<0.1-0.2	4	3
Culebrinas	85-86	2	4	<0.1-0.2	2	1

TABLE 4-31

Mercury Data Summary for Potable Water Samples
(MDL = 0.2; values in ug/l)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg
TOTAL MERCURY						
PW	2	0	0	0	0	0
INORGANIC MERCURY						
PW	1	0	0	0	0	0

FRO 001 1159

TABLE 4-32

HSL Data for Potable Water Samples
(values in ug/l)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
VOLATILE ORGANIC COMPOUNDS						
Chloroform						
PW1	BD7663	880414		67.90		4.0
PW2	BD7664	880414		69.60		4.0
Dichlorobromomethane						
PW1	BD7663	880414		12.90		4.0
PW2	BD7664	880414		15.40		4.0
RCRA METALS						
Arsenic						
PW1	BD7663	880414	ND	0.40	U	10.0
PW2	BD7664	880414	ND	0.23	U	10.0
Barium						
PW1	BD7663	880414		14		4.7
PW2	BD7664	880414		19		4.7
Cadmium						
PW1	BD7663	880414	ND	0.38	U	4.0
Chromium						
PW2	BD7664	880414	ND	2.40	U	21.0
Copper						
PW1	BD7663	880414		20		10.0
PW2	BD7664	880414		15		10.0
Lead						
PW1	BD7663	880414	BMDL	3.10	U	5.0
PW2	BD7664	880414	BMDL	1.70	U	5.0
Silver						
PW1	BD7663	880414	ND	0.74	U	9.9
Zinc						
PW1	BD7663	880414	BMDL	10	U	20.0
PW2	BD7664	880414	BMDL	9.50	U	20.0
OTHER/MISCELLANEOUS						
Aluminum						
PW1	BD7663	880414		720		110.0
PW2	BD7664	880414		790		110.0

TABLE 4-32 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS (continued)						
Beryllium						
PW1	BD7663	880414	ND	0.08	U	0.99
Calcium						
PW1	BD7663	880414		19,200		120.0
PW2	BD7664	880414		22,300		120.0
Cobalt						
PW1	BD7663	880414	BMDL	4.50	U	19.0
PW2	BD7664	880414	BMDL	4.50	U	19.0
Cyanide, Total						
PW1	BD7663	880414		< 50	NA	50
PW2	BD7664	880414		< 50	NA	50
Iron						
PW1	BD7663	880414		1,300		200.0
PW2	BD7664	880414		250		200.0
Magnesium						
PW1	BD7663	880414		3,600		41.0
PW2	BD7664	880414		4,000		41.0
Manganese						
PW1	BD7663	880414		23		6.7
PW2	BD7664	880414		45		6.7
Nickel						
PW1	BD7663	880414	ND	1.20	U	14.0
PW2	BD7664	880414	ND	2	U	14.0
Potassium						
PW1	BD7663	880414		1,100		100.0
PW2	BD7664	880414		1,300		100.0
Sodium						
PW1	BD7663	880414		10,000		150.0
PW2	BD7664	880414		11,000		300.0
Vanadium						
PW1	BD7663	880414	ND	1.10	U	21.0
PW2	BD7664	880414	BMDL	4.60	U	21.0

J - Estimated
NA - Not applicable
R - Data rejected by data validation team
U - Not detected, associated value below the Sample Quantitation Limit
UJ - Not detected, associated value is estimated and is below the Sample Quantitation Limit
UR - Value is below Sample Quantitation Limit; data rejected by data validation team

TABLE 4-33

HSL Data Summary for Potable Water Samples
(values in ug/l)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
Sample Program: PW						
Volatile Organic Compounds						
CHLOROFORM	2	2	2	67.9	69.6	68.8
DICHLOROBROMOMETHANE	2	2	2	12.9	15.4	14.2
RCRA Metals						
ARSENIC	2	2	0	ND	ND	0.32
BARIUM	2	2	2	14	19	16.5
CADMIUM	2	1	0	0	ND	0.38
CHROMIUM	2	1	0	0	ND	2.4
COPPER	2	2	2	15	20	18
LEAD	2	2	0	BMDL	BMDL	2.4
SILVER	2	1	0	0	ND	0.74
ZINC	2	2	2	BMDL	BMDL	9.8
Other/Miscellaneous Compounds						
ALUMINUM	2	2	2	720	790	755
BERYLLIUM	2	1	0	0	ND	0.99
CALCIUM	2	2	2	19,200	22,300	20,750
COBALT	2	2	0	BMDL	BMDL	4.5
CYANIDE	2	2	0	<50	<50	<50
IRON	2	2	2	250	1,300	775
MAGNESIUM	2	2	2	3,600	4,000	3,800
MANGANESE	2	2	2	23	45	34
NICKEL	2	2	0	ND	ND	1.6
POTASSIUM	2	2	2	1,100	1,300	1,200
SODIUM	2	2	2	10,000	11,000	10,500
VANADIUM	2	2	0	ND	BMDL	2.85

* Based on all samples with a concentration or estimated concentration greater than zero. Includes samples which are listed as BMDL (below method detection limit) or ND (not detected).

TABLE 4-34

Mercury Data for Surface Water Samples
(values in ug/l)

Dynamac Number	ETC Number	Date	Total Mercury Lab Qual	Total Mercury Value	Total Mercury QA Qual	Inorganic Mercury Lab Qual	Inorganic Mercury Value	Inorganic Mercury QA Qual
Surface Water								
Frontera Creek Upstream (upgradient)								
SW20	BD7662	880414	ND	0	UJ	ND	0	UJ
SW19	BD7661	880414	ND	0	UJ	ND	0	UJ
SW18	BD7660	880414	ND	0	UJ	ND	0	UJ
Frontera Creek Midstream								
SW17	BD7659	880414		0.86	J		0.55	J
SW16	BD7658	880414	ND	0	UJ	ND	0	UJ
SW15	BD7657	880414	ND	0	UJ	ND	0	UJ
SW14	BD7656	880414	ND	0	UJ	ND	0	UJ
SW13	BD7655	880414	ND	0	UJ	ND	0	UJ
SW12	BD7654	880414		0.26	*		0.43	*
SW11	BD7653	880414		0.26	J	ND	0	UJ
Frontera Creek Downstream								
SW10	BD7646	880413	ND	0	U	ND	0	UJ
SWFALLS01	BE4769	880525	BMDL	0.14	U *		0.25	*
SW09	BD7652	880413	BMDL	0.13	U *		1.2	U *
SW08	BD7651	880413	ND	0	U	ND	0	UJ
SW07	BD7645	880413	ND	0	U	ND	0	UJ
SW06	BD7650	880413	ND	0	U	ND	0	UJ
SW05	BD7649	880413	ND	0	U	ND	0	UJ
Frontera Lagoon								
SW04	BD7644	880412	ND	0	U	ND	0	UJ
SW03	BD7643	880412	ND	0	U	ND	0	UJ
SW02	BD7648	880412	ND	0	U	ND	0	UJ
SW01	BD7647	880412	ND	0	U	ND	0	UJ
Technicon Ditch								
SWTD01	BE4768	880525	BMDL	0.14			3	*

J - Estimated
U - Not detected, associated value below the Sample Quantitation Limit
UJ - Not detected, associated value is estimated and is below the Sample Quantitation Limit
Note: *, **, R1 and R2 identify data points originally qualified "R" (rejected by the data validation team) but judged usable for data assessment purposes (see Appendix 7 for the explanation of these qualifiers)

FRO 001 1163

TABLE 4-35

Mercury Data Summary for Surface Water Samples
(MDL = 0.2; values in ug/l)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
TOTAL MERCURY						
SW Upgradient	3	0	0	0	0	0
SW Midstream	6	3	3	0	0.43	0.16
SW Downstream	6	2	0	0	BMDL	0.05
SW Frontera Lagoons	4	0	0	0	0	0
SW Technicon Ditch	1	1	1	BMDL	BMDL	0.14
Total	20	6	4	0	0.43	0.07
INORGANIC MERCURY						
SW Upgradient	3	0	0	0	0	0
SW Midstream	6	2	2	0	0.43	0.12
SW Downstream	6	2	2	0	1.2	0.24
SW Frontera Lagoons	4	0	0	0	0	0
SW Technicon Ditch	1	1	1	3	3	3
Total	20	5	5	0	3	0.26

* Where values are shown as BMDL (Below Method Detection Limit) or ND (Not Detected), averages are calculated based on estimated concentrations which are below quantitation limits.

TABLE 4-36

HSL Data for Surface Water Samples
(values in ug/l)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
VOLATILE ORGANIC COMPOUNDS						
1,1,1-Trichloroethane						
SW11	BD7653	880414	BMDL	3.14	U	4.0
1,1-Dichloroethane						
SW10	BD7646	880413	BMDL	3.71	U	4.0
SW11	BD7653	880414		17.40		4.0
Acetone						
SW03	BD7643	880412		8.74	UJ	4.0
SW05	BD7649	880413		11.70	UJ	4.0
SW06	BD7650	880413		24	UJ	4.0
SW07	BD7645	880413		18	UJ	4.0
SW08	BD7651	880413		83.40	UJ	4.0
SW09	BD7652	880413		189		4.0
SW10	BD7646	880413		76	U	4.0
SW11	BD7653	880414		825		4.0
SW12	BD7654	880414		2,870		400.0
SW13	BD7655	880414		34.80	UJ	4.0
SW14	BD7656	880414		262	J	20.0
SW15	BD7657	880414		348	J	20.0
SW16	BD7658	880414		205		40.0
SW17	BD7659	880414		130		20.0
SW18	BD7660	880414		184	U	4.0
SW19	BD7661	880414		87.20	U	4.0
SWTD01	BE4768	880525		41.40		4.0
Benzene						
SW05	BD7649	880413	BMDL	2.69	UJ	4.0
SW06	BD7650	880413	BMDL	2.64	UJ	4.0
SW07	BD7645	880413	BMDL	3.06	UJ	4.0
SW08	BD7651	880413	BMDL	3.78	UJ	4.0
SW09	BD7652	880413	BMDL	2.05	U	4.0
SWFALLS01	BE4769	880525	BMDL	1.70	U	4.0
Carbon disulfide						
SW05	BD7649	880413	BMDL	1.60	UJ	4.0
SW06	BD7650	880413	BMDL	2.10	UJ	4.0
SW08	BD7651	880413	BMDL	2.09	UJ	4.0
SW09	BD7652	880413	BMDL	2.74	U	4.0
SW10	BD7646	880413		4.33	U	4.0
SW11	BD7653	880414	BMDL	1.43	U	4.0

TABLE 4-36 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
VOLATILE ORGANIC COMPOUNDS (continued)						
Chloroform						
SW09	BD7652	880413	BMDL	2.03	U	4.0
SW10	BD7646	880413	BMDL	2.45	U	4.0
Ethylbenzene						
SW07	BD7645	880413	BMDL	0.94	UJ	4.0
SW08	BD7651	880413	BMDL	0.92	UJ	4.0
SW09	BD7652	880413	BMDL	1.79	U	4.0
SW10	BD7646	880413		6.91		4.0
SW11	BD7653	880414		48		4.0
SW12	BD7654	880414	BMDL	97.10	U	400.0
Methyl ethyl ketone						
SW07	BD7645	880413		6.88	UJ	4.0
SW09	BD7652	880413		11.70	U	4.0
SW10	BD7646	880413		20.20	U	4.0
SW17	BD7659	880414		21.40	U	20.0
SW18	BD7660	880414		5.89	U	4.0
SW19	BD7661	880414		4.68	U	4.0
Methylene chloride						
SW01	BD7647	880412	BMDL	3.40	U	4.0
SW02	BD7648	880412		14.60	UJ	4.0
SW04	BD7644	880412		4.31	U	4.0
SW10	BD7646	880413	BMDL	3.99	UJ	4.0
SW11	BD7653	880414		60	J	4.0
SW12	BD7654	880414		1,890	J	400.0
SW17	BD7659	880414	BMDL	19.50		20.0
SW18	BD7660	880414	BMDL	3.56	U	4.0
SW20	BD7662	880414	BMDL	3.35	UJ	4.0
SWTD01	BE4768	880525	BMDL	2.47	U	4.0
Methyl-iso-butyl ketone						
SW07	BD7645	880413		4.26	UJ	4.0
SW08	BD7651	880413		22		4.0
SW09	BD7652	880413		23.90		4.0
SW10	BD7646	880413		220		4.0
SW11	BD7653	880414		1,590		4.0
SW12	BD7654	880414		4,650		400.0
m-Xylene						
SW07	BD7645	880413	BMDL	2.04	UJ	4.0
SW08	BD7651	880413	BMDL	2.57	J	4.0
SW09	BD7652	880413		5.20		4.0
SW10	BD7646	880413		21.20		4.0
SW11	BD7653	880414		185		4.0
SW12	BD7654	880414	BMDL	106	U	400.0

TABLE 4-36 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
VOLATILE ORGANIC COMPOUNDS (continued)						
o+p-Xylenes						
SW07	BD7645	880413	BMDL	1.54	UJ	4.0
SW08	BD7651	880413	BMDL	1.58	UJ	4.0
SW09	BD7652	880413	BMDL	1.77	U	4.0
SW10	BD7646	880413		11.30		4.0
SW11	BD7653	880414		98.20		4.0
SW12	BD7654	880414	BMDL	106	U	400.0
Toluene						
SW06	BD7650	880413	BMDL	1.03	UJ	4.0
SW07	BD7645	880413	BMDL	0.92	U	4.0
SW08	BD7651	880413		13.30		4.0
SW09	BD7652	880413		19.50		4.0
SW10	BD7646	880413		7.78		4.0
SW11	BD7653	880414		15.90		4.0
SW18	BD7660	880414	BMDL	2.17	U	4.0
SW19	BD7661	880414	BMDL	3.90	U	4.0
SW20	BD7662	880414	BMDL	0.33	UJ	4.0
SWFALLS01	BE4769	880525		19.20		4.0
SWTD01	BE4768	880525		5.64		4.0
BASE/NEUTRAL EXTRACTABLES						
bis(2-ethylhexyl)phthalate						
SW11	BD7653	880414	BMDL	3.20	UJ	21.0
SW19	BD7661	880414	BMDL	2.42	U	24.0
SWFALLS01	BE4769	880525	BMDL	4.45	U	22.0
Di-n-octyl phthalate						
SW01	BD7647	880412	BMDL	3.20	UJ	23.0
SW02	BD7648	880412	BMDL	3.74	UJ	23.0
SW03	BD7643	880412	BMDL	2.95	UJ	23.0
SW04	BD7644	880412	BMDL	4.40	UJ	23.0
SW05	BD7649	880413	BMDL	3.76	UJ	22.0
SW06	BD7650	880413	BMDL	4.42	UJ	21.0
SW07	BD7645	880413	BMDL	4.40	UJ	21.0
SW08	BD7651	880413	BMDL	4.11	UJ	22.0
SW11	BD7653	880414	BMDL	5.14	UJ	21.0
Isophorone						
SW05	BD7649	880413	BMDL	17.50		22.0
SW06	BD7650	880413	BMDL	16.80		21.0
SW07	BD7645	880413	BMDL	15.20		21.0
SW08	BD7651	880413	BMDL	17.30		22.0
SW09	BD7652	880413	BMDL	12.90	J	22.0
SW11	BD7653	880414	BMDL	4.61	UJ	21.0
SW12	BD7654	880414	BMDL	4.26	UJ	22.0
SWFALLS01	BE4769	880525	BMDL	11		22.0

TABLE 4-36 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
ACID EXTRACTABLES						
4-Methylphenol						
SW11	BD7653	880414	BMDL	2.99	UJ	42.0
Benzoic acid						
SW10	BD7646	880413	BMDL	2.71	UJ	41.0
SWFALLS01	BE4769	880525		66	U	43.0
Phenol						
SW10	BD7646	880413	BMDL	19.80	UJ	41.0
SWFALLS01	BE4769	880525	BMDL	4.77	U	43.0
RCRA METALS						
Arsenic						
SW01	BD7647	880412	BMDL	5.50		10.0
SW02	BD7648	880412	BMDL	5.70		10.0
SW03	BD7643	880412	BMDL	2.40		10.0
SW04	BD7644	880412	BMDL	3.20		10.0
SW05	BD7649	880413	BMDL	3.70		10.0
SW06	BD7650	880413	BMDL	4.10		10.0
SW07	BD7645	880413	BMDL	2.40		10.0
SW08	BD7651	880413	BMDL	2.40		10.0
SW09	BD7652	880413	BMDL	2		10.0
SW10	BD7646	880413	ND	1.80		10.0
SW11	BD7653	880414	ND	1.80		10.0
SW12	BD7654	880414	BMDL	3.20		10.0
SW13	BD7655	880414	BMDL	9.40		10.0
SW14	BD7656	880414	BMDL	8.30		10.0
SW15	BD7657	880414	BMDL	7.30		10.0
SW16	BD7658	880414	BMDL	8.30		10.0
SW17	BD7659	880414		10	J	10.0
SW18	BD7660	880414	BMDL	7.50		10.0
SW19	BD7661	880414	BMDL	5.60		10.0
SW20	BD7662	880414	BMDL	3.70		10.0
SWFALLS01	BE4769	880525	ND	0.34	U	10.0
SWTD01	BE4768	880525	ND	0.58	U	10.0
Barium						
SW01	BD7647	880412		120	J	1.3
SW02	BD7648	880412		120	J	1.3
SW03	BD7643	880412		145	J	1.3
SW04	BD7644	880412		136	J	1.3
SW05	BD7649	880413		110	J	1.3
SW06	BD7650	880413		100	J	1.3
SW07	BD7645	880413		84	J	1.3
SW08	BD7651	880413		71	J	1.3
SW09	BD7652	880413		86	J	1.3
SW10	BD7646	880413		94	J	1.3

TABLE 4-36 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
RCRA METALS (continued)						
Barium (continued)						
SW11	BD7653	880414		90	J	1.3
SW12	BD7654	880414		75	J	1.3
SW13	BD7655	880414		94	J	1.3
SW14	BD7656	880414		133	J	1.3
SW15	BD7657	880414		120	J	1.3
SW16	BD7658	880414		170	J	1.3
SW17	BD7659	880414		281	J	1.3
SW18	BD7660	880414		133	J	1.3
SW19	BD7661	880414		110	J	1.3
SW20	BD7662	880414		56	J	1.3
SWFALLS01	BE4769	880525		61	J	2.2
SWTD01	BE4768	880525		32	J	2.2
Cadmium						
SW02	BD7648	880412	ND	0.32	U	4.0
SW03	BD7643	880412	ND	0.72	U	4.0
SW04	BD7644	880412	ND	0.01	U	4.0
SW07	BD7645	880413	ND	0.06	U	4.0
SW08	BD7651	880413	ND	0.14	U	4.0
SW09	BD7652	880413	ND	0.05	U	4.0
SW10	BD7646	880413	ND	0.03	U	4.0
SW11	BD7653	880414	ND	0.64	U	4.0
SW12	BD7654	880414	ND	0.18	U	4.0
SW13	BD7655	880414	ND	0.59	U	4.0
SW14	BD7656	880414	ND	0.06	U	4.0
SW15	BD7657	880414	ND	0.43	U	4.0
SW16	BD7658	880414	ND	0.06	U	4.0
SW17	BD7659	880414	ND	0.03	U	4.0
SW19	BD7661	880414	ND	0.13	U	4.0
SW20	BD7662	880414	ND	0.14	U	4.0
SWFALLS01	BE4769	880525	BMDL	2.50		3.6
Chromium						
SW03	BD7643	880412	ND	3.70	U	32.0
SW05	BD7649	880413	ND	1.20	U	32.0
SW06	BD7650	880413	BMDL	7.30		32.0
SW07	BD7645	880413	ND	6.20	U	32.0
SW08	BD7651	880413	ND	0.51	U	32.0
SW09	BD7652	880413	BMDL	8.90		32.0
SW10	BD7646	880413	ND	4.20	U	32.0
SW11	BD7653	880414	ND	2.90	U	32.0
SW12	BD7654	880414	ND	4.70	U	32.0
SW13	BD7655	880414	ND	6		32.0
SW14	BD7656	880414	ND	3.90	U	32.0
SW15	BD7657	880414	ND	4.70	U	32.0
SW16	BD7658	880414	ND	4.20	U	32.0
SW17	BD7659	880414		65	J	32.0

TABLE 4-36 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
RCRA METALS (continued)						
Chromium (continued)						
SW18	BD7660	880414	ND	4.70	U	32.0
SW19	BD7661	880414	ND	0.51	U	32.0
SW20	BD7662	880414	ND	4.90	U	32.0
SWFALLS01	BE4769	880525		41		23.0
Copper						
SW01	BD7647	880412	BMDL	4.10		10.0
SW02	BD7648	880412	BMDL	2.50	U	10.0
SW03	BD7643	880412	BMDL	4.10		10.0
SW04	BD7644	880412	ND	2	U	10.0
SW05	BD7649	880413	ND	1.30	U	10.0
SW06	BD7650	880413	BMDL	3.60		10.0
SW07	BD7645	880413	ND	0.84	U	10.0
SW09	BD7652	880413	BMDL	3.10	U	10.0
SW11	BD7653	880414	BMDL	5.80		10.0
SW12	BD7654	880414	BMDL	6.90		10.0
SW13	BD7655	880414	BMDL	3.10	U	10.0
SW14	BD7656	880414	BMDL	3.60		10.0
SW15	BD7657	880414	BMDL	5.20		10.0
SW16	BD7658	880414		14		10.0
SW17	BD7659	880414		29	J	10.0
SW18	BD7660	880414	BMDL	4.70		10.0
SW19	BD7661	880414	BMDL	5.80		10.0
SW20	BD7662	880414	BMDL	5.20		10.0
SWFALLS01	BE4769	880525		290		7.5
SWTD01	BE4768	880525	BMDL	6.80		7.5
Lead						
SW05	BD7649	880413	BMDL	1	U	5.0
SW06	BD7650	880413	ND	0.57	U	5.0
SW08	BD7651	880413	BMDL	1.30		5.0
SW09	BD7652	880413	BMDL	2.90		5.0
SW10	BD7646	880413	ND	0.42	U	5.0
SW11	BD7653	880414	BMDL	1.30		5.0
SW12	BD7654	880414	BMDL	1.50		5.0
SW13	BD7655	880414	BMDL	1.30		5.0
SW14	BD7656	880414	BMDL	2.20		5.0
SW15	BD7657	880414	BMDL	1.50		5.0
SW16	BD7658	880414		6.90	J	5.0
SW17	BD7659	880414		22	J	5.0
SW18	BD7660	880414	BMDL	2.70		5.0
SW19	BD7661	880414	BMDL	3.90		5.0
SW20	BD7662	880414	BMDL	2		5.0
SWFALLS01	BE4769	880525		18	J	5.0
SWTD01	BE4768	880525	ND	0.99	U	5.0

TABLE 4-36 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
RCRA METALS (continued)						
Selenium						
SW03	BD7643	880412	ND	0.90		5.0
SW05	BD7649	880413	ND	0.66	U	5.0
SW06	BD7650	880413	ND	0.32	U	5.0
Silver						
SW01	BD7647	880412	ND	0.02	U	12.0
SW04	BD7644	880412	ND	0.02	U	12.0
SW13	BD7655	880414	ND	0.02	U	12.0
SWFALLS01	BE4769	880525	BMDL	3.10	U	11.0
Zinc						
SW01	BD7647	880412	BMDL	8.70		20.0
SW02	BD7648	880412	ND	3.90		20.0
SW03	BD7643	880412	ND	2.20	U	20.0
SW04	BD7644	880412	BMDL	7.70		20.0
SW05	BD7649	880413		39	J	20.0
SW06	BD7650	880413		43	J	20.0
SW07	BD7645	880413		34	J	20.0
SW08	BD7651	880413		80	J	20.0
SW09	BD7652	880413		850	J	20.0
SW10	BD7646	880413	BMDL	11		20.0
SW11	BD7653	880414		66	J	20.0
SW12	BD7654	880414		130	J	20.0
SW13	BD7655	880414		31	J	20.0
SW14	BD7656	880414		29	J	20.0
SW15	BD7657	880414		30	J	20.0
SW16	BD7658	880414		69	J	20.0
SW17	BD7659	880414		190	J	20.0
SW18	BD7660	880414		37	J	20.0
SW19	BD7661	880414		140	J	20.0
SW20	BD7662	880414		22	J	20.0
SWFALLS01	BE4769	880525		3,560		20.0
SWTD01	BE4768	880525		52	J	20.0
OTHER/MISCELLANEOUS						
Aluminum						
SW01	BD7647	880412		150	J	40.0
SW02	BD7648	880412		150	J	40.0
SW03	BD7643	880412		290	J	40.0
SW04	BD7644	880412		100	J	40.0
SW05	BD7649	880413		48	J	40.0
SW06	BD7650	880413		53	J	40.0
SW07	BD7645	880413		99	J	40.0
SW08	BD7651	880413		270	J	40.0
SW09	BD7652	880413		170	J	40.0
SW10	BD7646	880413		190	J	40.0

TABLE 4-36 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS (continued)						
Aluminum (continued)						
SW11	BD7653	880414		98	J	40.0
SW12	BD7654	880414		250	J	40.0
SW13	BD7655	880414		170	J	40.0
SW14	BD7656	880414		560	J	40.0
SW15	BD7657	880414		250	J	40.0
SW16	BD7658	880414		1,700	J	40.0
SW17	BD7659	880414		4,850	J	40.0
SW18	BD7660	880414		160	J	40.0
SW19	BD7661	880414		630	J	40.0
SW20	BD7662	880414		970	J	40.0
SWFALLS01	BE4769	880525		840		100.0
SWTD01	BE4768	880525		260		100.0
Antimony						
SW01	BD7647	880412	BMDL	2.20	U	10.0
SW02	BD7648	880412	BMDL	2.10	U	10.0
SW03	BD7643	880412	BMDL	2.30	U	10.0
SW04	BD7644	880412	BMDL	2.10	U	10.0
SW10	BD7646	880413	BMDL	2.30	U	10.0
SW12	BD7654	880414	ND	0.47	U	10.0
SW13	BD7655	880414	ND	1.10	U	10.0
SW15	BD7657	880414	ND	1.50	U	10.0
SW16	BD7658	880414	ND	0.47	U	10.0
SW17	BD7659	880414	ND	0.47	U	10.0
SW18	BD7660	880414	ND	1.50	U	10.0
SW19	BD7661	880414	ND	1.10	U	10.0
SW20	BD7662	880414	ND	0.80	U	10.0
SWFALLS01	BE4769	880525	BMDL	2.60		10.0
Beryllium						
SW01	BD7647	880412	ND	0.06	U	0.89
SW02	BD7648	880412	ND	0.06	U	0.89
SW03	BD7643	880412	ND	0.17	U	0.89
SW04	BD7644	880412	ND	0.06	U	0.89
SW05	BD7649	880413	ND	0.06	U	0.89
SW06	BD7650	880413	ND	0.06	U	0.89
SW07	BD7645	880413	ND	0.06	U	0.89
SW08	BD7651	880413	ND	0.06	U	0.89
SW09	BD7652	880413	ND	0.06	U	0.89
SW10	BD7646	880413	ND	0.06	U	0.89
SW11	BD7653	880414	ND	0.06	U	0.89
SW12	BD7654	880414	ND	0.17	U	0.89
SW13	BD7655	880414	ND	0.17	U	0.89
SW14	BD7656	880414	ND	0.17	U	0.89
SW15	BD7657	880414	ND	0.17	U	0.89
SW16	BD7658	880414	ND	0.07	U	0.89
SW17	BD7659	880414	BMDL	0.38	U	0.89

TABLE 4-36 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS (continued)						
Beryllium (continued)						
SW18	BD7660	880414	ND	0.06	U	0.89
SW19	BD7661	880414	ND	0.06	U	0.89
SW20	BD7662	880414	ND	0.06	U	0.89
SWFALLS01	BE4769	880525	BMDL	0.06	U	0.3
SWTD01	BE4768	880525	ND	0	U	0.3
Calcium						
SW01	BD7647	880412		40,300	J	130.0
SW02	BD7648	880412		39,300	J	130.0
SW03	BD7643	880412		11,000		130.0
SW04	BD7644	880412		42,700	J	130.0
SW05	BD7649	880413		41,500	J	130.0
SW06	BD7650	880413		41,100	J	130.0
SW07	BD7645	880413		39,000	J	130.0
SW08	BD7651	880413		39,100	J	130.0
SW09	BD7652	880413		37,800	J	130.0
SW10	BD7646	880413		38,800	J	130.0
SW11	BD7653	880414		31,500	J	130.0
SW12	BD7654	880414		30,400	J	130.0
SW13	BD7655	880414		26,300	J	130.0
SW14	BD7656	880414		24,700	J	130.0
SW15	BD7657	880414		24,600	J	130.0
SW16	BD7658	880414		25,300	J	130.0
SW17	BD7659	880414		27,500	J	130.0
SW18	BD7660	880414		24,200	J	130.0
SW19	BD7661	880414		25,400	J	130.0
SW20	BD7662	880414		26,100	J	130.0
SWFALLS01	BE4769	880525		44,400	J	59.0
SWTD01	BE4768	880525		13,000	J	59.0
Cobalt						
SW01	BD7647	880412	BMDL	5.70		27.0
SW02	BD7648	880412	ND	4	U	27.0
SW05	BD7649	880413	ND	4.70	U	27.0
SW06	BD7650	880413	ND	3.20	U	27.0
SW07	BD7645	880413	BMDL	7.60		27.0
SW08	BD7651	880413	ND	0.06	U	27.0
SW09	BD7652	880413	ND	4.70	U	27.0
SW10	BD7646	880413	BMDL	7.80		27.0
SW11	BD7653	880414	ND	1.30	U	27.0
SW12	BD7654	880414	BMDL	6.40		27.0
SW13	BD7655	880414	ND	3.70	U	27.0
SW14	BD7656	880414	ND	3.20	U	27.0
SW15	BD7657	880414	ND	3.50	U	27.0
SW16	BD7658	880414	ND	3.20	U	27.0
SW17	BD7659	880414	BMDL	14		27.0
SW18	BD7660	880414	ND	2.20	U	27.0

TABLE 4-36 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS (continued)						
Cobalt (continued)						
SW19	BD7661	880414	ND	3.20	U	27.0
SW20	BD7662	880414	BMDL	6.40		27.0
SWFALLS01	BE4769	880525	ND	1.30	U	28.0
SWTD01	BE4768	880525	ND	1.30	U	28.0
Cyanide, Total						
SW01	BD7647	880412		< 50	NA	50.0
SW02	BD7648	880412		< 50	NA	50.0
SW03	BD7643	880412		< 50	NA	50.0
SW04	BD7644	880412		< 50	NA	50.0
SW05	BD7649	880413		< 50	NA	50.0
SW06	BD7650	880413		< 50	NA	50.0
SW07	BD7645	880413		< 50	NA	50.0
SW08	BD7651	880413		< 50	NA	50.0
SW09	BD7652	880413		< 50	NA	50.0
SW10	BD7646	880413		< 50	NA	50.0
SW11	BD7653	880414		< 50	NA	50.0
SW12	BD7654	880414		< 50	NA	50.0
SW13	BD7655	880414		< 50	NA	50.0
SW14	BD7656	880414		< 50	NA	50.0
SW15	BD7657	880414		< 50	NA	50.0
SW16	BD7658	880414		< 50	NA	50.0
SW17	BD7659	880414		< 50	NA	50.0
SW18	BD7660	880414		< 50	NA	50.0
SW19	BD7661	880414		< 50	NA	50.0
SW20	BD7662	880414		< 50	NA	50.0
SWFALLS01	BE4769	880525		< 50	NA	50.0
SWTD01	BE4768	880525		< 50	NA	50.0
Iron						
SW01	BD7647	880412		270	J	190.0
SW02	BD7648	880412		270	J	190.0
SW03	BD7643	880412		400	J	190.0
SW04	BD7644	880412		670	J	190.0
SW05	BD7649	880413		210	J	190.0
SW06	BD7650	880413		230	J	190.0
SW07	BD7645	880413		230	J	190.0
SW08	BD7651	880413		590	J	190.0
SW09	BD7652	880413		900	J	190.0
SW10	BD7646	880413		950	J	190.0
SW11	BD7653	880414		1,100	J	190.0
SW12	BD7654	880414		3,600	J	190.0
SW13	BD7655	880414		4,100	J	190.0
SW14	BD7656	880414		6,300	J	190.0
SW15	BD7657	880414		5,300	J	190.0
SW16	BD7658	880414		9,200	J	190.0
SW17	BD7659	880414		20,100	J	190.0

TABLE 4-36 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS (continued)						
Iron (continued)						
SW18	BD7660	880414		5,700	J	190.0
SW19	BD7661	880414		5,300	J	190.0
SW20	BD7662	880414		2,500	J	190.0
SWFALLS01	BE4769	880525		3,700		170.0
SWTD01	BE4768	880525		2,100		170.0
Magnesium						
SW01	BD7647	880412		167,000	J	60.0
SW02	BD7648	880412		170,000	J	60.0
SW03	BD7643	880412		89,100	J	60.0
SW04	BD7644	880412		136,000	J	60.0
SW05	BD7649	880413		12,900	J	60.0
SW06	BD7650	880413		12,700	J	60.0
SW07	BD7645	880413		11,100	J	60.0
SW08	BD7651	880413		10,900	J	60.0
SW09	BD7652	880413		11,100	J	60.0
SW10	BD7646	880413		10,100	J	60.0
SW11	BD7653	880414		8,000	J	60.0
SW12	BD7654	880414		7,830	J	60.0
SW13	BD7655	880414		7,310	J	60.0
SW14	BD7656	880414		6,960	J	60.0
SW15	BD7657	880414		6,690	J	60.0
SW16	BD7658	880414		7,270	J	60.0
SW17	BD7659	880414		8,810	J	60.0
SW18	BD7660	880414		6,270	J	60.0
SW19	BD7661	880414		7,130	J	60.0
SW20	BD7662	880414		7,260	J	60.0
SWFALLS01	BE4769	880525		12,800		25.0
SWTD01	BE4768	880525		2,400		25.0
Manganese						
SW01	BD7647	880412		230	J	8.3
SW02	BD7648	880412		280	J	8.3
SW03	BD7643	880412		360	J	8.3
SW04	BD7644	880412		660	J	8.3
SW05	BD7649	880413		630	J	8.3
SW06	BD7650	880413		630	J	8.3
SW07	BD7645	880413		530	J	8.3
SW08	BD7651	880413		470	J	8.3
SW09	BD7652	880413		630	J	8.3
SW10	BD7646	880413		1,340	J	8.3
SW11	BD7653	880414		2,550	J	8.3
SW12	BD7654	880414		3,290	J	3.7
SW13	BD7655	880414		4,760	J	8.3
SW14	BD7656	880414		4,840	J	8.3
SW15	BD7657	880414		4,200	J	8.3
SW16	BD7658	880414		4,040	J	8.3

TABLE 4-36 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS (continued)						
Manganese (continued)						
SW17	BD7659	880414		2,370	J	8.3
SW18	BD7660	880414		3,300	J	8.3
SW19	BD7661	880414		2,370	J	8.3
SW20	BD7662	880414		1,110	J	8.3
SWFALLS01	BE4769	880525		190		5.4
SWTD01	BE4768	880525		520		5.4
Nickel						
SW05	BD7649	880413	ND	0.055	U	12.0
SW06	BD7650	880413	ND	0.90	U	12.0
SW07	BD7645	880413	BMDL	4.40		12.0
SW08	BD7651	880413	ND	0.69	U	12.0
SW10	BD7646	880413	ND	0.05	U	12.0
SW12	BD7654	880414	BMDL	2.70	U	12.0
SW13	BD7655	880414	ND	0.055	U	12.0
SW16	BD7658	880414	ND	1.20	U	12.0
SW17	BD7659	880414		65	J	12.0
SW18	BD7660	880414	ND	0.05	U	12.0
SWFALLS01	BE4769	880525		27	J	13.0
Potassium						
SW01	BD7647	880412		47,800	J	100.0
SW02	BD7648	880412		47,600	J	100.0
SW03	BD7643	880412		25,900	J	100.0
SW04	BD7644	880412		38,700	J	100.0
SW05	BD7649	880413		23,600	J	100.0
SW06	BD7650	880413		23,800	J	100.0
SW07	BD7645	880413		29,000	J	100.0
SW08	BD7651	880413		30,700	J	100.0
SW09	BD7652	880413		20,500	J	100.0
SW10	BD7646	880413		2,600	J	100.0
SW11	BD7653	880414		4,800	J	100.0
SW12	BD7654	880414		5,700	J	100.0
SW13	BD7655	880414		4,900	J	100.0
SW14	BD7656	880414		4,400	J	100.0
SW15	BD7657	880414		4,100	J	100.0
SW16	BD7658	880414		4,600	J	100.0
SW17	BD7659	880414		5,100	J	100.0
SW18	BD7660	880414		4,800	J	100.0
SW19	BD7661	880414		5,600	J	100.0
SW20	BD7662	880414		2,100	J	100.0
SWFALLS01	BE4769	880525		112,000		100.0
SWTD01	BE4768	880525		1,000		100.0

FRO 001 1176

TABLE 4-36 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS (continued)						
Sodium						
SW01	BD7647	880412		1,390,000	J	100.0
SW02	BD7648	880412		1,430,000	J	100.0
SW03	BD7643	880412		791,000	J	100.0
SW04	BD7644	880412		1,110,000	J	100.0
SW05	BD7649	880413		675,000	J	100.0
SW06	BD7650	880413		682,000	J	100.0
SW07	BD7645	880413		606,000	J	100.0
SW08	BD7651	880413		669,000	J	100.0
SW10	BD7646	880413		53,700	J	100.0
SW11	BD7653	880414		80,800	J	100.0
SW12	BD7654	880414		71,100	J	100.0
SW13	BD7655	880414		36,300	J	100.0
SW14	BD7656	880414		38,700	J	100.0
SW15	BD7657	880414		39,100	J	100.0
SW16	BD7658	880414		36,300	J	100.0
SW17	BD7659	880414		34,700	J	100.0
SW18	BD7660	880414		33,800	J	100.0
SW19	BD7661	880414		45,900	J	100.0
SW20	BD7662	880414		23,800	J	100.0
SWFALLS01	BE4769	880525		598,000		200.0
SWTD01	BE4768	880525		20,100		200.0
Thallium						
SW01	BD7647	880412	ND	0.07	U	10.0
SW02	BD7648	880412	ND	1.50		10.0
SW03	BD7643	880412	ND	0.42	U	10.0
SW04	BD7644	880412	BMDL	2.20		10.0
SW06	BD7650	880413	ND	1.80		10.0
SW07	BD7645	880413	ND	0.77	U	10.0
SW08	BD7651	880413	ND	0.42	U	10.0
SW09	BD7652	880413	ND	0.42	U	10.0
SW10	BD7646	880413	ND	0.42	U	10.0
SW11	BD7653	880414	ND	0.77	U	10.0
SW20	BD7662	880414	BMDL	2.40		10.0
SWTD01	BE4768	880525	ND	0.41	U	10.0
Vanadium						
SW01	BD7647	880412	BMDL	2.70	U	9.5
SW02	BD7648	880412	BMDL	6.90		9.5
SW03	BD7643	880412	BMDL	3.20	U	9.5
SW04	BD7644	880412	ND	1.60	U	9.5
SW05	BD7649	880413	BMDL	2.20	U	9.5
SW06	BD7650	880413	BMDL	2.70	U	9.5
SW08	BD7651	880413	BMDL	2.70	U	9.5
SW10	BD7646	880413	ND	1	U	9.5
SW11	BD7653	880414	ND	1.60	U	9.5
SW13	BD7655	880414	ND	0	U	9.5

TABLE 4-36 (continued)

Dynamac Number	ETC Number	Date	Lab Qual	Value	QA Qual	MDL
OTHER/MISCELLANEOUS (continued)						
Vanadium (continued)						
SW14	BD7656	880414	BMDL	3.20	U	9.5
SW15	BD7657	880414	BMDL	2.20	U	9.5
SW16	BD7658	880414	BMDL	6.90		9.5
SW17	BD7659	880414		42		9.5
SW19	BD7661	880414	BMDL	2.70	U	9.5
SW20	BD7662	880414	BMDL	3.20	U	9.5
SWFALLS01	BE4769	880525	BMDL	7.40		14.0

J - Estimated
NA - Not applicable
R - Data rejected by data validation team
U - Not detected, associated value below the Sample Quantitation Limit
UJ - Not detected, associated value is estimated and is below the Sample Quantitation Limit
UR - Value is below Sample Quantitation Limit; data rejected by data validation team

FRO 001 1178

TABLE 4-37

HSL Data Summary for Surface Water Samples
(values in ug/l)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
Volatile Organic Compounds						
ACETONE						
SW Upgradient	3	2	2	0	184	135.6
SW Midstream	6	6	6	34.83	2,870	751
SW Downstream	6	5	5	0	189	76.9
SW Frontera Lagoons	4	1	1	0	8.74	8.74
SW Technicon Ditch	1	1	1	41.4	41.4	41.4
Total	20	15	15	0	2,870	347.5
BENZENE						
SW Downstream	6	6	0	0	BMDL	2.65
CARBON DISULFIDE						
SW Midstream	6	1	0	BMDL	1.43	1.43
SW Downstream	6	4	1	1.85	4.33	2.75
SW Total	12	5	1	1.43	4.33	2.48
CHLOROFORM						
SW Downstream	6	2	0	0	BMDL	2.24
1,1 DICHLOROETHANE						
SW Midstream	6	1	1	0	17.4	17.4
SW Downstream	6	1	0	0	BMDL	3.71
Total	12	2	1	0	17.4	10.56
ETHYLBENZENE						
SW Midstream	6	2	1	0	BMDL	72.55
SW Downstream	6	4	1	0	6.91	2.64
Total	12	6	2	0	BMDL	25.94
METHYL ETHYL KETONE						
SW Upgradient	3	2	2	0	5.89	5.29
SW Midstream	6	1	1	0	21.4	21.4
SW Downstream	6	3	3	0	20.2	12.93
Total	15	6	6	0	21.4	11.79
METHYLENE CHLORIDE						
SW Upgradient	3	2	0	0	BMDL	3.46
SW Midstream	6	3	3	0	1,890	656.5
SW Downstream	6	1	0	0	BMDL	3.99
SW Frontera Lagoons	4	3	2	0	14.6	7.44
SW Technicon Ditch	1	1	0	BMDL	BMDL	2.47
Total	20	10	5	0	1,890	200.52

FRO 001 1179

TABLE 4-37 (continued)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
Volatile Organic Compounds (continued)						
METHYL-ISO-BUTYL KETONE						
SW Midstream	6	2	2	0	4,650	3,120
SW Downstream	6	4	4	0	220	67.54
Total	12	6	6	0	4,650	1,085.03
M-XYLENE						
SW Midstream	6	2	1	0	185	145.5
SW Downstream	6	4	2	0	21.2	7.75
Total	12	6	3	0	185	53.67
O+P-XYLENES						
SW Midstream	6	2	1	0	BMDL	102.1
SW Downstream	6	4	1	0	11.3	4.05
Total	12	6	2	0	BMDL	36.73
TOLUENE						
SW Upgradient	3	3	0	BMDL	BMDL	2.13
SW Midstream	6	1	1	0	15.9	15.9
SW Downstream	6	6	4	0	19.5	10.29
SW Technicon Ditch	1	1	1	5.64	5.64	5.64
Total	16	11	6	0	19.5	8.15
1,1,1-TRICHLOROETHANE						
SW Midstream	6	1	0	0	BMDL	3.14
Base/Neutral Extractable Compounds						
BIS(2-ETHYLHEXYL)PHTHALATE						
SW Midstream	6	2	0	0	BMDL	2.81
SW Downstream	6	1	0	0	BMDL	4.45
Total	12	3	0	0	BMDL	3.36
DI-N-OCTYL PHTHALATE						
SW Midstream	6	2	0	0	BMDL	5.14
SW Downstream	6	4	0	0	BMDL	4.17
SW Frontera Lagoons	4	4	0	BMDL	BMDL	3.57
Total	16	9	0	0	BMDL	4.01
ISOPHORONE						
SW Midstream	6	2	0	0	BMDL	4.44
SW Downstream	6	5	0	0	BMDL	14.71
Total	12	7	0	0	BMDL	11.77

TABLE 4-37 (continued)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
Acid Extractable Compounds						
BENZOIC ACID						
SW Downstream	6	2	1	0	66	34.36
4-METHYLPHENOL						
SW Midstream	6	1	0	0	BMDL	2.99
PHENOL						
SW Downstream	6	2	0	0	BMDL	12.29
RCRA Metals						
ARSENIC						
SW Upgradient	3	3	0	BMDL	BMDL	5.6
SW Midstream	6	6	1	BMDL	9.31	6.52
SW Downstream	6	6	0	ND	BMDL	2.14
SW Frontera Lagoons	4	4	0	BMDL	BMDL	4.2
SW Technicon Ditch	1	1	0	ND	ND	0.58
Total	20	20	1	ND	9.39	4.31
BARIUM						
SW Upgradient	3	3	3	56	133	96.7
SW Midstream	6	6	6	75	226	122.9
SW Downstream	6	6	6	61	105	83.5
SW Frontera Lagoons	4	4	4	120	145	130
SW Technicon Ditch	1	1	1	32	32	32
Total	20	20	20	32	226	104.5
CADMIUM						
SW Upgradient	3	2	0	0	ND	0.135
SW Midstream	6	6	0	ND	ND	0.3245
SW Downstream	6	4	0	0	BMDL	0.6708
SW Frontera Lagoons	4	3	0	0	ND	0.3492
Total	19	15	0	ND	BMDL	0.3965
CHROMIUM						
SW Upgradient	3	3	0	ND	ND	3.37
SW Midstream	6	6	1	ND	34.6	9.47
SW Downstream	6	6	1	ND	41	10.84
SW Frontera Lagoons	4	1	0	0	ND	3.7
Total	19	16	2	0	41	8.48
COPPER						
SW Upgradient	3	3	0	BMDL	BMDL	5.23
SW Midstream	6	6	1	BMDL	21.5	7.68
SW Downstream	6	4	1	0	290	74.1
SW Frontera Lagoons	4	4	0	ND	BMDL	3.18
SW Technicon Ditch	1	1	0	BMDL	BMDL	6.8
Total	20	18	2	0	290	20.98

FRO 001 1181

TABLE 4-37 (continued)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
RCRA Metals (continued)						
LEAD						
SW Upgradient	3	3	0	BMDL	BMDL	2.87
SW Midstream	6	6	1	BMDL	14.45	3.71
SW Downstream	6	5	1	0	18	4.68
SW Technicon Ditch	1	1	0	ND	ND	0.99
Total	16	15	2	0	18	3.68
SELENIUM						
SW Downstream	6	2	0	0	ND	0.49
SW Frontera Lagoons	4	1	0	0	ND	0.9
Total	10	3	0	0	ND	0.63
SILVER						
SW Midstream	6	1	0	0	ND	0.021
SW Downstream	6	1	0	0	BMDL	3.1
SW Frontera Lagoons	4	2	0	0	ND	0.021
Total	16	4	0	0	BMDL	0.79
ZINC						
SW Upgradient	3	3	3	22	140	66.3
SW Midstream	6	6	6	29	190	69.3
SW Downstream	6	6	5	BMDL	3,560	763
SW Frontera Lagoons	4	4	0	ND	BMDL	5.6
SW Technicon Ditch	1	1	1	52	52	52
Total	20	20	15	ND	3,560	263
Other/Miscellaneous Compounds						
ALUMINUM						
SW Upgradient	3	3	3	160	970	587
SW Midstream	6	6	6	98	3,275	767
SW Downstream	6	6	6	50.5	840	270
SW Frontera Lagoons	4	4	4	100	290	173
SW Technicon Ditch	1	1	1	260	260	260
Total	20	20	20	50.5	3,275	447
ANTIMONY						
SW Upgradient	3	3	0	ND	ND	1.13
SW Midstream	6	4	0	0	ND	0.9
SW Downstream	6	2	0	0	BMDL	2.45
SW Frontera Lagoons	4	4	0	BMDL	BMDL	2.18
Total	19	13	0	0	BMDL	1.6

TABLE 4-37 (continued)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
Other/Miscellaneous Compounds (continued)						
BERYLLIUM						
SW Upgradient	3	3	0	ND	ND	0.061
SW Midstream	6	6	0	ND	BMDL	0.1605
SW Downstream	6	6	0	ND	BMDL	0.0607
SW Frontera Lagoons	4	4	0	ND	ND	0.0873
SW Technicon Ditch	1	1	0	ND	ND	0.0032
Total	20	20	0	ND	BMDL	0.0931
CALCIUM						
SW Upgradient	3	3	3	24,200	26,100	25,233
SW Midstream	6	6	6	24,600	31,500	27,317
SW Downstream	6	6	6	37,800	44,400	40,067
SW Frontera Lagoons	4	4	4	11,000	42,700	33,325
SW Technicon Ditch	1	1	1	13,000	13,000	13,000
Total	20	20	20	11,000	44,400	31,315
COBALT						
SW Upgradient	3	3	0	ND	BMDL	3.933
SW Midstream	6	6	0	ND	BMDL	4.45
SW Downstream	6	6	0	ND	BMDL	4.23
SW Frontera Lagoons	4	2	0	0	BMDL	4.85
SW Technicon Ditch	1	1	0	ND	ND	1.3
Total	20	18	0	0	BMDL	4.8
CYANIDE						
SW Upgradient	3	3	0	< 50	< 50	< 50
SW Midstream	6	6	0	< 50	< 50	< 50
SW Downstream	6	6	0	< 50	< 50	< 50
SW Frontera Lagoons	4	4	0	< 50	< 50	< 50
SW Technicon Ditch	1	1	0	< 50	< 50	< 50
Total	20	20	0	< 50	< 50	< 50
IRON						
SW Upgradient	3	3	3	2,500	5,700	4,500
SW Midstream	6	6	6	1,100	14,650	5,842
SW Downstream	6	6	6	220	3,700	1,098
SW Frontera Lagoons	4	4	4	270	670	403
SW Technicon Ditch	1	1	1	2,100	2,100	2,100
Total	20	20	20	210	20,100	2,943
MAGNESIUM						
SW Upgradient	3	3	3	6,270	7,260	6,887
SW Midstream	6	6	6	6,690	8,040	7,472
SW Downstream	6	6	6	10,100	12,900	11,467
SW Frontera Lagoons	4	4	4	89,100	170,000	140,525
SW Technicon Ditch	1	1	1	2,400	2,400	2,400
Total	20	20	20	2,400	170,100	34,940

TABLE 4-37 (continued)

Parameter/Sample Program	N	N>0	N≥MDL	Min	Max	Avg*
Other/Miscellaneous Compounds (continued)						
MANGANESE						
SW Upgradient	3	3	3	1,110	3,300	2,260
SW Midstream	6	6	6	2,250	4,840	3,808
SW Downstream	6	6	6	190	1,340	632
SW Frontera Lagoons	4	4	4	230	660	383
SW Technicon Ditch	1	1	1	520	520	520
Total	20	20	20	190	4,840	1,773
NICKEL						
SW Upgradient	3	1	0	0	ND	0.047
SW Midstream	6	3	1	0	33.1	11.98
SW Downstream	5	5	1	ND	27	6.532
Total	14	9	2	0	33.1	7.629
POTASSIUM						
SW Upgradient	3	3	3	2,100	5,600	4,167
SW Midstream	6	6	6	4,100	5,700	4,792
SW Downstream	6	6	6	2,600	112,000	36,417
SW Frontera Lagoons	4	4	4	25,900	47,800	40,000
SW Technicon Ditch	1	1	1	1,000	1,000	1,000
Total	20	20	20	1,000	112,000	11,200
SODIUM						
SW Upgradient	3	3	3	23,800	45,900	34,500
SW Midstream	6	6	6	35,500	80,800	50,250
SW Downstream	5	5	5	53,700	678,500	521,040
SW Frontera Lagoons	4	4	4	791,000	1,430,000	1,180,250
SW Technicon Ditch	1	1	1	20,100	20,100	20,100
Total	19	19	19	20,100	1,430,000	407,963
THALLIUM						
SW Upgradient	3	1	0	0	BMDL	2.4
SW Midstream	6	1	0	0	ND	0.77
SW Downstream	6	5	0	0	ND	0.766
SW Frontera Lagoons	4	4	0	ND	BMDL	1.047
SW Technicon Ditch	1	1	0	ND	ND	0.41
Total	20	12	0	0	BMDL	0.967
VANADIUM						
SW Upgradient	3	2	0	0	BMDL	2.95
SW Midstream	6	5	1	0	24.45	6.29
SW Downstream	6	4	0	0	BMDL	3.39
SW Frontera Lagoons	4	4	0	ND	BMDL	3.6
Total	19	15	1	0	24.45	4.53

* Based on all samples with a concentration or estimated concentration greater than zero. Includes samples which are listed as BMDL (below method detection limit) or ND (not detected).

FRO 001 1184

TABLE 4-38

Summary of Field Parameter Results
Surface and Potable Water Sampling Program

Sample	Temp (°C)	pH	Conductivity (mS)	DO_2 (mg/l)	Refractometer[a] (g/100 ml)	Time	Date
SURFACE WATER							
Frontera Lagoons							
SW01	32.9	8.17	7.42	8.0	0.6	1615	880412
SW02	32.2	8.04	7.69	8.6	0.6	1655	880412
SW03	32.5	7.52	4.53	5.65	0.4	1820	880412
SW04	32.6	7.47	6.17	5.8	0.4	1844	880412
Frontera Creek							
SW05	29.0	7.20	3.63	0.02	0.2	0935	880413
SW06	-	-	-	-	-	0935	880413
SW07	29.1	7.06	3.47	0.3	0.2	1055	880413
SW08	31.6	6.84	3.63	0.15	0.0	1305	880413
SW09	32.9	6.92	3.86	0.15	0.0	1400	880413
SWFALLS01	-	7.0	-	-	-	1400	880413
SWFALLS01[b]	-	12.2	-	-	-	0845	880525
SW10	29.0	7.01	0.59	0.3	0.01	1800	880413
SW11	27.2	6.31	0.67	1.0	0.4	0800	880414
SW12	27.3	6.62	0.60	0.5	0.0	0900	880414
SW13	28.8	7.23	0.41	3.2	0.2	1215	880414
SW14	27.8	6.92	0.42	0.3	0.0	1231	880414
SW15	27.9	6.85	0.43	0.2	0.0	1252	880414
SW16	28.4	6.74	0.4	0.5	0.0	1324	880414
SW17	-	-	-	-	-	1324	880414
SW18	27.9	6.94	0.41	0.4	0.0	1347	880414
SW19	28.2	6.84	0.48	0.18	0.0	1400	880414
SW20	27.8	7.02	0.31	1.1	0.0	1430	880414
"LEAK" SAMPLE	27.1	7.56	0.23	-	-	-	880414
Technicon Ditch							
SWTD01	27.3	10.59	-	0.5	0.5	0730	880525
POTABLE WATER							
PW1	30.7	7.69	0.21	2.6	-	1518	880414
PW2	26.1	7.86	0.21	3.6	-	1558	880414

a = Refractometer readings measure dissolved solutes in units of g/100 mL.
b = Collected at a later date.

TABLE 4-39

Selected Water Quality Criteria

Chemical	CWA Ambient Water Quality Criteria for Protection of Aquatic Life	
	Freshwater (mg/l)	
	Acute	Chronic
Antimony and compounds	9.0	1.6
Arsenic (V) and compounds	0.8	4.8×10^{-2}
Barium and compounds	-	-
Benzene	5.3	-
Beryllium and compounds	0.1	5.3×10^{-3}
Cadmium and compounds	3.9×10^{-3}	1.1×10^{-3}
Chloroform	2.8×10^{1}	1.2
Chromium VI and compounds	1.6×10^{-2}	1.1×10^{-2}
Copper and compounds	1.8×10^{-2}	1.2×10^{-2}
Cyanides	2.2×10^{-2}	5.2×10^{-3}
Ethylbenzene	3.2×10^{1}	-
Isophorone	1.17×10^{2}	-
Lead and compounds (inorganic)	8.0×10^{-2}	3.2×10^{-3}
Mercury and compounds (alkyl)	2.4×10^{-3}	1.2×10^{-5}
Mercury and compounds (inorganic)	2.4×10^{-3}	1.2×10^{-5}
Nickel and compounds	1.4	1.6×10^{-1}
Phenol	1.0×10^{1}	2.5
Selenium and compounds	2.6×10^{-1}	3.5×10^{-2}
Silver and compounds	4.1×10^{-3}	1.2×10^{-4}
Thallium and compounds	1.4	4.0×10^{-2}
Toluene	1.7×10^{1}	-
Zinc and compounds	1.3×10^{-1}	1.1×10^{-1}