Monitoring Plan
Beaver Smelting
Sullivan County
NYSDEC Site # 3-53-005

625 Broadway
Albany, NY 12233-7013
518-402-9812

Date: January 4, 2005

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1.0 Site Summary

Background Information

Beaver Smelting is located on Beaver Lane in the town of Woodburn, Sullivan County. The site is approximately 2 acres. The company was an aluminum recycling facility that operated for twenty five years. There was one large and numerous small piles of ash onsite. The ash failed the EP Toxicity test for lead. An Remedial Investigation / Feasibility Study (RI/FS) was conducted by the responsible party under a Consent Order agreement with the Attorney General. The RI/FS was approved in March of 1989. Results of the RI showed groundwater standards being exceeded for lead, cadmium, selenium, and pH. Values in July 1989 ranged from 15-48 ppb for lead and 18-120 ppb for selenium. An Attorney General consent order was signed for remediation of the site. Approximately 9000 cubic yards of smelter ash waste was consolidated, capped, and seeded in October 1991. A groundwater collection trench was installed up-gradient of the pile. A long-term monitoring program began in January 1992 as part of the remediation consent order. In accordance with the consent order, the last round of sampling to be performed by the RP was conducted in October 1994. The State has assumed the responsibility to sample and analyze selected monitoring wells.

Remedy

According to the Record of Decision (ROD), the waste from the smaller fills was consolidated into the main fill. The main fill was then treated by adding a one-inch thick layer of lime. The lime was then physically mixed into the upper portion of the main fill. The fill was then graded.

After the fill was treated and graded, the fill was covered with a compacted soil cap. The cap was designed to minimize filtration and promote runoff. A vegetative cover was established on the completed cap to help minimize erosion. Trenches were also developed to divert surface water away from the capped area.

2.0 Monitoring Requirements and Results

Groundwater Monitoring Requirements

To monitor the site's groundwater, 13 monitoring wells were drilled, and these wells should currently be monitored quarterly for the contaminants-of-concern (COC's). Monitoring was conducted quarterly as planned until November 2002. To date, collected samples have been analyzed by a contract laboratory for metals, using method 200.7 for Iron and Cadmium. For Selenium, method 270.2 was used. Attached on the inside front cover is a memo listing of each monitoring well with notes from the 10/25/00 sampling round.

Table 1. Beaver Smelting
Quarterly Groundwater Monitoring Requirements

Monitoring Well	Contaminants-of-Concern	Water Quality Criteria (ppb)	Detection Limit (ppb)
MW-1	Cadmium	5	1.0
through MW-13	Lead	25	15
(All COC's)	Selenium	10	1.0

1-NYSDEC. Division of Water Technical and Operational Guidance Series (1,1,1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. 1998

Groundwater Monitoring Results

The data show that contaminants-of-concern are present in the monitoring wells. The table below illustrates the downward trend of groundwater contamination based on results from 10/2000, 4/2002, and 11/2002. In some cases, the standards appear to be achieved. The data from 2000 to 2002 was used because it is the most recent data that is available. Monitoring Well 2 was used because it was down-gradient from the main fill and it gave us a good representation of the other wells at the site. The last time that the site was sampled was November 2002. It also appears that at this point, a detection limit of 1.0 ppb should be used for Cadmium and Selenium. For Lead, a detection limit of 15.0 ppb should be used. (See the attached memo on the inside front cover for more specific data for each well.)

There is an increasing trend in the contaminant levels for selenium. This is a problem that will be addressed in the near future.

Table 2- Groundwater Monitoring Data Summary for Beaver Smelting*				
Contaminant of Concern	**Groundwater Standard**	**Monitoring Date**		
		10/25/00	**4/17/02**	**11/15/02**
Cadmium	5	3.1 (U)**	5 (U)	**5 (U)**
Lead	25	334	140	82
Selenium	10	120	230	280

* Data for Monitoring Well 2 represents the average conditions at the site.
** See Quality Assurance Key on the following page.
Bold = Groundwater contaminant levels are below the groundwater standard.
Shaded = Groundwater contaminant levels show a decreasing trend.

Quality Assurance Key:

U - Indicates compound was analyzed for but not detected. This is with the detection limit set at the groundwater standard for the contaminant. The sample quantitation limit must be corrected for dilution and for percent moisture. For example, 10 U for phenol in water if the sample final volume is the Protocol-specified final volume. If a 1 to 10 dilution of extract is necessary, The reported limit is 100 U.

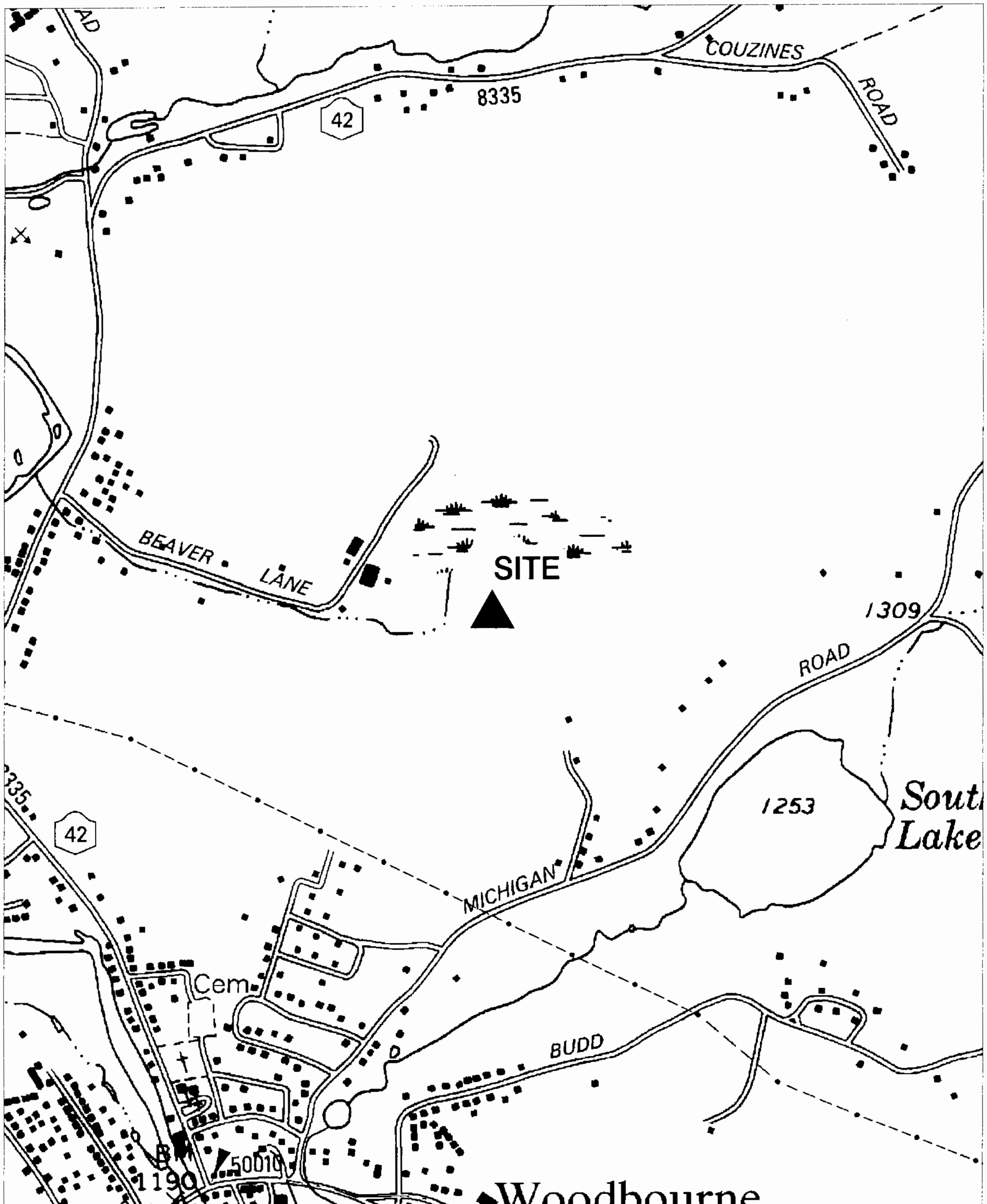
Discharge Monitoring Requirements

Discharge monitoring is not required for the site.

Discharge Monitoring Results

Discharge monitoring is not required for the site.

Section 3.0 - Site and Wells: Maps and Plans



Site Location Map

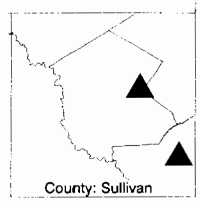
353005 Beaver Smelting

Map Source: NYSDOT 1:24,000-scale planimetric quadrangles

N

0 250 500 750 1000 Feet

Scale: 1:12,000
April 1, 2002



NG BEAVER MEETING

Arnold 10-21-96

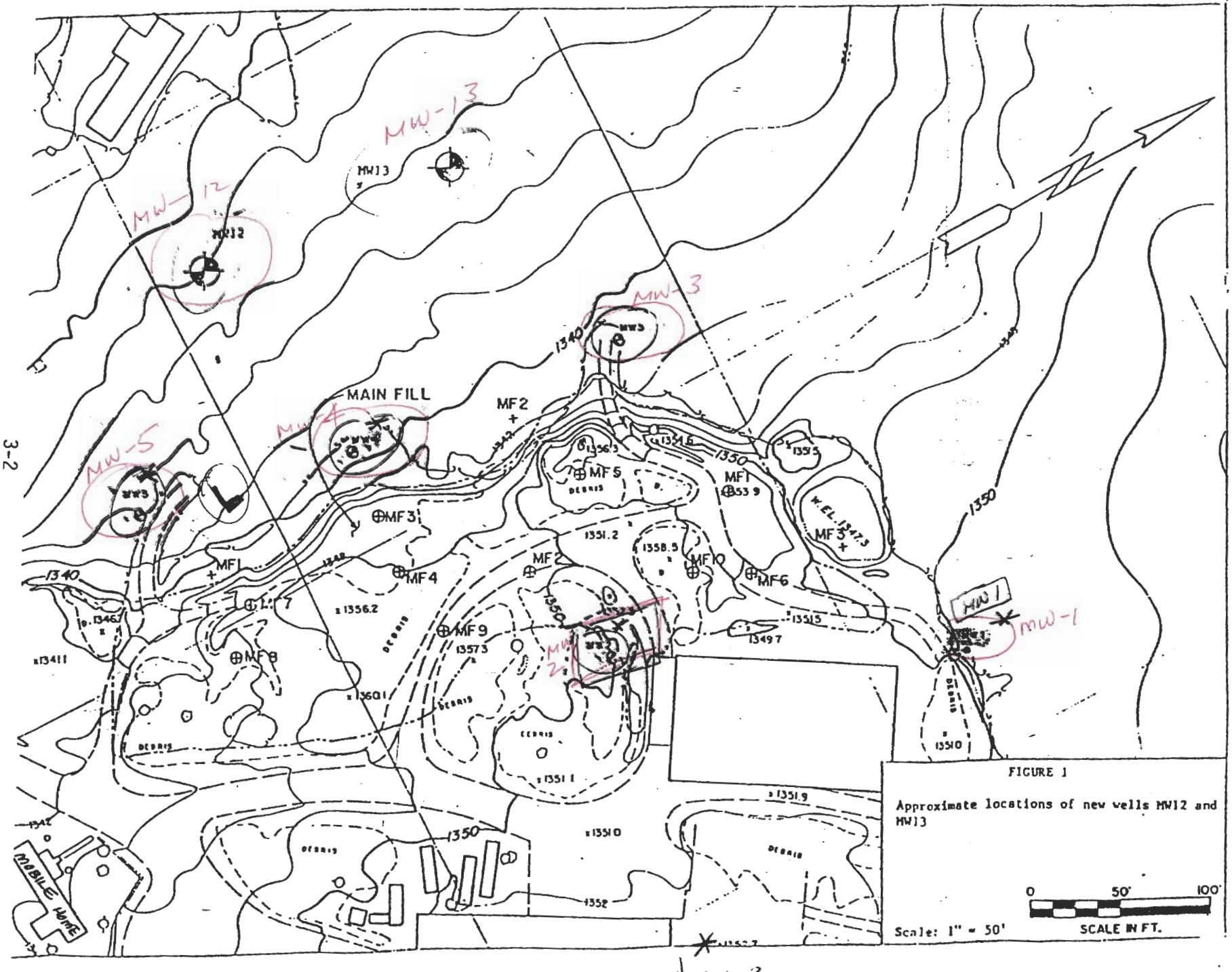


FIGURE 1

Approximate locations of new wells MW12 and MW13

0 50' 100'

Scale: 1" = 50' SCALE IN FT.

MW-3

MW-2

3-2

N
W E
S

Monitoring Well

Leachate Outbreak

NAME	NYTM_X	NYTM_Y
MW-6	533773	4624468
MW-7	533749	4624443
MW-1	533631	462455Ø
MW-2	533615	4624598
MW-3	533572	4624524
MW-4	53357Ø	4624476
MW-5	53356Ø	4624443
Leachate_Outbreak	533561	4624457
MW-12	533527	4624465
MW-13	533524	4624505
MW-9	533772	4624713
MW-9	533772	4624763

GPS LOCATIONS OF MONITORING WELLS

Beaver Smelting Site ID No. 353005

200 0 200 400 Feet

Section 4.0 - Monitoring Well Data

#	FIELD	TYPE	DECIMA	LENGTH	EXPLANATION AND ACCEPTABLE KEYED ENTRIES
1	name	character		32	**Site name** Beaver Smelting
2	s_code	character		7	Site ID
3	inv_date	date		8	Date 12-14-04
4	ltmpoint	character		16	**Well ID (name)** MW-6
5	damage	character		1	Is well damaged or destroyed? Y or (N)
6	nytm_x	numeric		6	NYTM_X write below: 185373
7	nytm_y	numeric		7	NYTM_Y write below: 4624468
8	pdop	numeric	1	4	PDOP Reading from Trimble Pathfinder (Satelites:)
9	gps_meth	character		1	GPS Method circle: *(T) rimble (A)nd / (O)r (M) agellan*
10	well_vis	character		1	Well visible? Circle one: *(V) ery (F) airly (S) lightly (N) ot*
11	name_v	character		1	Well ID (name) visible? *(V) ery (F) airly (S) lightly (N) ot*
12	name_a	character		20	Well ID as it appears on well
13	conc_col	character		1	Concrete surface seal present? *(Y) es or (N) o*
14	col_cond	character		1	Surface seal condition *(G) ood (F) air (C) racked (R) aised (S) unken (P) oor (A) bsent*
15	pro_cond	character		1	General pro. casing condition *(E) xcellant (G) ood (F) air (P) oor (A) bsent*
16	paint_col	character		20	Paint color Rust color
17	paint_con	character		1	Paint condition (E) xcellant (G) ood (F) air (P) oor (A) bsent
18	welltype	character		1	Type of protective casing, circle one: *(S) tick-up (F) lush-mount*
19	pro_ht	character		3	Height of stickup in feet: <1, 1-2, 2-3, 3+
20	pro_mtl	character		5	Pro casing material: *(I) ron (S) teel (O) ther*
21	pro_shp	character		9	Pro casing shape: *(R) ound (S) quare (O) ctagonal*
22	cov_type	character		32	Cover type & material *Steel slip, Steel flap, Alum. slip, Curb box non-locking, Hex. bolted*
23	pro_dia	numeric	1	4	Pro casing outside diameter 4"
24	std_lock	character		1	Standard SCS lock present? *(Y) es (N) o (R) eplaced by us today*
25	dia	numeric	1	4	Well diameter if known *1.5", (2", 4", 6", 8", Larger or Sump*
26	haz	character		1	Biological hazards: *(W) asps (B) ees (P) oison Ivy (N) one*
27	prob	memo		4	Notable problems or comments Photo 3
28	trim_per	character		20	Trimble Instr. person: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer)
29	mag_per	character		20	Magellan instr. person: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer)
30	insp_by	character		20	Inspector: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer) + Mueller
31	sam_type	numeric		1	(1) MW for chemical analysis, (2) MW, GW elevation only, (3) SW/SED, chemical analysis, (4) SED chem analysis, (5) Other, (6) Not presently in use.

#	FIELD	TYPE	DECIMA	LENGTH	EXPLANATION AND ACCEPTABLE KEYED ENTRIES
1	name	character		32	**Site name** Beaver
2	s_code	character		7	Site ID
3	inv_date	date		8	Date 12-14-04
4	ltmpoint	character		16	**Well ID (name)** MW-7
5	damage	character		1	Is well damaged or destroyed? Y or N
6	nytm_x	numeric		6	NYTM_X write below 533749 E
7	nytm_y	numeric		7	NYTM_Y write below 4624443 N
8	pdop	numeric	1	4	PDOP Reading from Trimble Pathfinder (Satelites:)
9	gps_meth	character		1	GPS Method circle: (T) rimble (A)nd / (O)r (M) agellan
10	well_vis	character		1	Well visible? Circle one: (V) ery (F) airly (S) lightly (N) ot
11	name_v	character		1	Well ID (name) visible? (V) ery (F) airly (S) lightly (N) ot
12	name_a	character		20	Well ID as it appears on well MW-7
13	conc_col	character		1	Concrete surface seal present? (Y) es or (N) o
14	col_cond	character		1	Surface seal condition (G) ood (F) air (C) racked (R) aised (S) unken (P) oor (A) bsent
15	pro_cond	character		1	General pro. casing condition (E) xcellant (G) ood (F) air (P) oor (A) bsent
16	paint_col	character		20	Paint color Silver
17	paint_con	character		1	Paint condition (E) xcellant (G) ood (F) air (P) oor (A) bsent
18	welltype	character		1	Type of protective casing, circle one: (S) tick-up (F) lush-mount
19	pro_ht	character		3	Height of stickup in feet: <1, 1-2, 2-3 3+
20	pro_mtl	character		5	Pro casing material: (I) ron (S) teel (O) ther
21	pro_shp	character		9	Pro casing shape: (R) ound (S) quare (O) ctagonal
22	cov_type	character		32	Cover type & material Steel slip, Steel flap, Alum. slip, Curb box non-locking, Hex. bolted
23	pro_dia	numeric	1	4	Pro casing outside diameter 4"
24	std_lock	character		1	Standard SCS lock present? (Y) es (N) o (R) eplaced by us today
25	dia	numeric	1	4	Well diameter if known 1.5", 2" 4", 6", 8", Larger or Sump
26	haz	character		1	Biological hazards: (W) asps (B) ees (P) oison Ivy (N) one
27	prob	memo		4	Notable problems or comments Well 4
28	trim_per	character		20	Trimble Instr. person: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer)
29	mag_per	character		20	Magellan instr. person: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer)
30	insp_by	character		20	Inspector: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer) Woodward
31	sam_type	numeric		1	(1) MW for chemical analysis, (2) MW, GW elevation only, (3) SW/SED, chemical analysis, (4) SED chem analysis, (5) Other, (6) Not presently in use.

#	FIELD	TYPE	DECIMA	LENGTH	EXPLANATION AND ACCEPTABLE KEYED ENTRIES
1	name	character		32	**Site name** [illegible]
2	s_code	character		7	Site ID
3	inv_date	date		8	Date
4	ltmpoint	character		16	**Well ID (name)** (Destroyed) MW-1
5	damage	character		1	Is well damaged or destroyed? *Y* or *N*
6	nytm_x	numeric		6	NYTM_X write below 533631 — NYTM_Y write below 4624550
7	nytm_y	numeric		7	
8	pdop	numeric	1	4	PDOP Reading from Trimble Pathfinder (Satelites:)
9	gps_meth	character		1	GPS Method circle: *(T) rimble (A)nd / (O)r (M) agellan*
10	well_vis	character		1	Well visible? Circle one: *(V) ery (F) airly (S) lightly (N) ot*
11	name_v	character		1	Well ID (name) visible? *(V) ery (F) airly (S) lightly (N) ot*
12	name_a	character		20	Well ID as it appears on well
13	conc_col	character		1	Concrete surface seal present? *(Y) es or (N) o*
14	col_cond	character		1	Surface seal condition *(G) ood (F) air (C) racked (R) aised (S) unken (P) oor (A) bsent*
15	pro_cond	character		1	General pro. casing condition *(E) xcellant (G) ood (F) air (P) oor (A) bsent*
16	paint_col	character		20	Paint color
17	paint_con	character		1	Paint condition (E) xcellant (G) ood (F) air (P) oor (A) bsent
18	welltype	character		1	Type of protective casing, circle one: *(S) tick-up (F) lush-mount*
19	pro_ht	character		3	Height of stickup in feet: <1, 1-2, 2-3, 3+
20	pro_mtl	character		5	Pro casing material: *(I) ron (S) teel (O) ther*
21	pro_shp	character		9	Pro casing shape: *(R) ound (S) quare (O) ctagonal*
22	cov_type	character		32	Cover type & material *Steel slip, Steel flap, Alum. slip, Curb box non-locking, Hex. bolted*
23	pro_dia	numeric	1	4	Pro casing outside diameter
24	std_lock	character		1	Standard SCS lock present? *(Y) es (N) o (R) eplaced by us today*
25	dia	numeric	1	4	Well diameter if known *1.5", 2", 4", 6", 8", Larger or Sump*
26	haz	character		1	Biological hazards: *(W) asps (B) ees (P) oison Ivy (N) one*
27	prob	memo		4	Notable problems or comments Destroyed, Photo 5+6
28	trim_per	character		20	Trimble Instr. person: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer)
29	mag_per	character		20	Magellan instr. person: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer)
30	insp_by	character		20	Inspector: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer) + M
31	sam_type	numeric		1	(1) MW for chemical analysis, (2) MW, GW elevation only, (3) SW/SED, chemical analysis, (4) SED chem analysis, (5) Other, (6) Not presently in use.

#	FIELD	TYPE	DECIMA	LENGTH	EXPLANATION AND ACCEPTABLE KEYED ENTRIES
1	name	character		32	**Site name** Beaver Smelter
2	s_code	character		7	Site ID
3	inv_date	date		8	Date 12-14-04
4	ltmpoint	character		16	**Well ID (name)** MW-2
5	damage	character		1	Is well damaged or destroyed? *Y or N*
6	nytm_x	numeric		6	NYTM_X write below: 533615 E
7	nytm_y	numeric		7	NYTM_Y write below: 4624598 N
8	pdop	numeric	1	4	PDOP Reading from Trimble Pathfinder (Satelites:)
9	gps_meth	character		1	GPS Method circle: *(T) rimble (A)nd / (O)r (M) agellan*
10	well_vis	character		1	Well visible? Circle one: *(V) ery (F) airly (S) lightly (N) ot*
11	name_v	character		1	Well ID (name) visible? *(V) ery (F) airly (S) lightly (N) ot*
12	name_a	character		20	Well ID as it appears on well MW-2
13	conc_col	character		1	Concrete surface seal present? *(Y) es or (N) o*
14	col_cond	character		1	Surface seal condition *(G) ood (F) air (C) racked (R) aised (S) unken (P) oor (A) bsent*
15	pro_cond	character		1	General pro. casing condition *(E) xcellant (G) ood (F) air (P) oor (A) bsent*
16	paint_col	character		20	Paint color
17	paint_con	character		1	Paint condition (E) xcellant (G) ood (F) air (P) oor (A) bsent
18	welltype	character		1	Type of protective casing, circle one: *(S) tick-up (F) lush-mount*
19	pro_ht	character		3	Height of stickup in feet: <1, 1-2, 2-3, 3+
20	pro_mtl	character		5	Pro casing material: *(I) ron (S) teel (O) ther*
21	pro_shp	character		9	Pro casing shape: *(R) ound (S) quare (O) ctagonal*
22	cov_type	character		32	Cover type & material *Steel slip, Steel flap, Alum. slip, Curb box non-locking, Hex. bolted*
23	pro_dia	numeric	1	4	Pro casing outside diameter 4
24	std_lock	character		1	Standard SCS lock present? *(Y) es (N) o (R) eplaced by us today*
25	dia	numeric	1	4	Well diameter if known *1.5", 2", 4", 6", 8", Larger or Sump*
26	haz	character		1	Biological hazards: *(W) asps (B) ees (P) oison Ivy (N) one*
27	prob	memo		4	Notable problems or comments Photo 7
28	trim_per	character		20	Trimble Instr. person: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer)
29	mag_per	character		20	Magellan instr. person: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer)
30	insp_by	character		20	Inspector: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer) + M
31	sam_type	numeric		1	(1) MW for chemical analysis, (2) MW, GW elevation only, (3) SW/SED, chemical analysis, (4) SED chem analysis, (5) Other, (6) Not presently in use.

#	FIELD	TYPE	DECIMA	LENGTH	EXPLANATION AND ACCEPTABLE KEYED ENTRIES
1	name	character		32	**Site name** Brewer Smelting
2	s_code	character		7	Site ID 3530005
3	inv_date	date		8	Date 12-14-04
4	ltmpoint	character		16	**Well ID (name)** MW-3
5	damage	character		1	Is well damaged or destroyed? Y or (N)
6	nytm_x	numeric		6	NYTM_X write below: 533572 ; NYTM_Y write below: 4624524 N
7	nytm_y	numeric		7	
8	pdop	numeric	1	4	PDOP Reading from Trimble Pathfinder (Satelites:)
9	gps_meth	character		1	GPS Method circle: *(T) rimble (A)nd / (O)r (M) agellan*
10	well_vis	character		1	Well visible? Circle one: (V) ery *(F) airly (S) lightly (N) ot*
11	name_v	character		1	Well ID (name) visible? (V) ery *(F) airly (S) lightly (N) ot*
12	name_a	character		20	Well ID as it appears on well MW 3
13	conc_col	character		1	Concrete surface seal present? *(Y) es* or (N) o
14	col_cond	character		1	Surface seal condition *(G) ood (F) air (C) racked (R) aised (S) unken (P) oor (A) bsent*
15	pro_cond	character		1	General pro. casing condition *(E) xcellant* (G) ood *(F) air (P) oor (A) bsent*
16	paint_col	character		20	Paint color
17	paint_con	character		1	Paint condition (E) xcellant (G) ood (F) air (P) oor (A) bsent
18	welltype	character		1	Type of protective casing, circle one: (S) tick-up *(F) lush-mount*
19	pro_ht	character		3	Height of stickup in feet: <1, 1-2, (2-3) 3+
20	pro_mtl	character		5	Pro casing material: *(I) ron* (S) teel *(O) ther*
21	pro_shp	character		9	Pro casing shape: (R) ound *(S) quare (O) ctagonal*
22	cov_type	character		32	Cover type & material *Steel slip, Steel flap, Alum. slip; Curb box non-locking, Hex. bolted*
23	pro_dia	numeric	1	4	Pro casing outside diameter 4
24	std_lock	character		1	Standard SCS lock present? (Y) es *(N) o (R) eplaced by us today*
25	dia	numeric	1	4	Well diameter if known *1.5",* (2") *4", 6", 8", Larger or Sump*
26	haz	character		1	Biological hazards: *(W) asps (B) ees (P) oison Ivy (N) one*
27	prob	memo		4	Notable problems or comments Photo 8
28	trim_per	character		20	Trimble Instr. person: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer)
29	mag_per	character		20	Magellan instr. person: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer)
30	insp_by	character		20	Inspector: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer) + M
31	sam_type	numeric		1	(1) MW for chemical analysis, (2) MW, GW elevation only, (3) SW/SED, chemical analysis, (4) SED chem analysis, (5) Other, (6) Not presently in use.

#	FIELD	TYPE	DECIMA	LENGTH	EXPLANATION AND ACCEPTABLE KEYED ENTRIES
1	name	character		32	**Site name** Brewer Smelting
2	s_code	character		7	Site ID
3	inv_date	date		8	Date 12/14/04
4	ltmpoint	character		16	**Well ID (name)** MW-4
5	damage	character		1	Is well damaged or destroyed? *Y* or (N)
6	nytm_x	numeric		6	NYTM_X write below 533570 E
7	nytm_y	numeric		7	NYTM_Y write below 462447 G N
8	pdop	numeric	1	4	PDOP Reading from Trimble Pathfinder (Satelites:)
9	gps_meth	character		1	GPS Method circle: *(T) rimble (A)nd / (O)r (M) agellan*
10	well_vis	character		1	Well visible? Circle one: *(V) ery (F) airly (S) lightly (N) ot*
11	name_v	character		1	Well ID (name) visible? *(V) ery (F) airly (S) lightly (N) ot*
12	name_a	character		20	Well ID as it appears on well MW-4
13	conc_col	character		1	Concrete surface seal present? *(Y) es or (N) o*
14	col_cond	character		1	Surface seal condition *(G) ood (F) air (C) racked (R) aised (S) unken (P) oor (A) bsent*
15	pro_cond	character		1	General pro. casing condition *(E) xcellant (G) ood (F) air (P) oor (A) bsent*
16	paint_col	character		20	Paint color
17	paint_con	character		1	Paint condition (E) xcellant (G) ood (F) air (P) oor (A) bsent
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21	pro_shp	character		9	Pro casing shape: *(R) ound (S) quare (O) ctagonal*
22	cov_type	character		32	Cover type & material *Steel slip, Steel flap, Alum. slip, Curb box non-locking, Hex. bolted*
23	pro_dia	numeric	1	4	Pro casing outside diameter 4
24	std_lock	character		1	Standard SCS lock present? *(Y) es (N) o (R) eplaced by us today*
25	dia	numeric	1	4	Well diameter if known *1.5", 2", 4", 6", 8", Larger or Sump*
26	haz	character		1	Biological hazards: *(W) asps (B) ees (P) oison Ivy* (N) one
27	prob	memo		4	Notable problems or comments Photo 9
28	trim_per	character		20	Trimble Instr. person: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer)
29	mag_per	character		20	Magellan instr. person: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer)
30	insp_by	character		20	Inspector: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer) + G.M.
31	sam_type	numeric		1	(1) MW for chemical analysis, (2) MW, GW elevation only, (3) SW/SED, chemical analysis, (4) SED chem analysis, (5) Other, (6) Not presently in use.

#	FIELD	TYPE	DECIMA	LENGTH	EXPLANATION AND ACCEPTABLE KEYED ENTRIES
1	name	character		32	**Site name** Beaver Swallow
2	s_code	character		7	Site ID
3	inv_date	date		8	Date 12-14-09
4	ltmpoint	character		16	**Well ID (name)** MW-5
5	damage	character		1	Is well damaged or destroyed? Y or (N)
6	nytm_x	numeric		6	NYTM_X write below: 533560.
7	nytm_y	numeric		7	NYTM_Y write below: 4624443.
8	pdop	numeric	1	4	PDOP Reading from Trimble Pathfinder (Satelites:)
9	gps_meth	character		1	GPS Method circle: *(T) rimble (A)nd / (O)r (M) agellan*
10	well_vis	character		1	Well visible? Circle one: *(V) ery (F) airly (S) lightly (N) ot*
11	name_v	character		1	Well ID (name) visible? *(V) ery (F) airly (S) lightly (N) ot*
12	name_a	character		20	Well ID as it appears on well MW-5
13	conc_col	character		1	Concrete surface seal present? *(Y) es or (N) o*
14	col_cond	character		1	Surface seal condition *(G) ood (F) air (C) racked (R) aised (S) unken (P) oor (A) bsent*
15	pro_cond	character		1	General pro. casing condition *(E) xcellant (G) ood (F) air (P) oor (A) bsent*
16	paint_col	character		20	Paint color Brown
17	paint_con	character		1	Paint condition (E) xcellant (G) ood (F) air (P) oor (A) bsent
18	welltype	character		1	Type of protective casing, circle one: *(S) tick-up (F) lush-mount*
19	pro_ht	character		3	Height of stickup in feet: <1, 1-2, (2-3, 3+
20	pro_mtl	character		5	Pro casing material: *(I) ron (S) teel (O) ther*
21	pro_shp	character		9	Pro casing shape: *(R) ound (S) quare (O) ctagonal*
22	cov_type	character		32	Cover type & material: *Steel slip, Steel flap, Alum. slip, Curb box non-locking, Hex. bolted*
23	pro_dia	numeric	1	4	Pro casing outside diameter 4
24	std_lock	character		1	Standard SCS lock present? *(Y) es (N) o (R) eplaced by us today*
25	dia	numeric	1	4	Well diameter if known *1.5", (2") 4", 6", 8", Larger or Sump*
26	haz	character		1	Biological hazards: *(W) asps (B) ees (P) oison Ivy (N) one*
27	prob	memo		4	Notable problems or comments Photo 10.
28	trim_per	character		20	Trimble Instr. person: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer)
29	mag_per	character		20	Magellan instr. person: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer)
30	insp_by	character		20	Inspector: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer) + G.M.
31	sam_type	numeric		1	(1) MW for chemical analysis, (2) MW, GW elevation only, (3) SW/SED, chemical analysis, (4) SED chem analysis, (5) Other, (6) Not presently in use.

#	FIELD	TYPE	DECIMA	LENGTH	EXPLANATION AND ACCEPTABLE KEYED ENTRIES
1	name	character		32	**Site name** [illegible]
2	s_code	character		7	Site ID
3	inv_date	date		8	Date [illegible]/04
4	ltmpoint	character		16	**Well ID (name)** [illegible]
5	damage	character		1	Is well damaged or destroyed? *Y or N*
6	nytm_x	numeric		6	NYTM_X write below: [illegible]561 E — NYTM_Y write below: 4624457 N
7	nytm_y	numeric		7	
8	pdop	numeric	1	4	PDOP Reading from Trimble Pathfinder (Satelites:)
9	gps_meth	character		1	GPS Method circle: *(T) rimble (A)nd / (O)r (M) agellan*
10	well_vis	character		1	Well visible? Circle one: *(V) ery (F) airly (S) lightly (N) ot*
11	name_v	character		1	Well ID (name) visible? *(V) ery (F) airly (S) lightly (N) ot*
12	name_a	character		20	Well ID as it appears on well
13	conc_col	character		1	Concrete surface seal present? *(Y) es or (N) o*
14	col_cond	character		1	Surface seal condition *(G) ood (F) air (C) racked (R) aised (S) unken (P) oor (A) bsent*
15	pro_cond	character		1	General pro. casing condition *(E) xcellant (G) ood (F) air (P) oor (A) bsent*
16	paint_col	character		20	Paint color
17	paint_con	character		1	Paint condition (E) xcellant (G) ood (F) air (P) oor (A) bsent
18	welltype	character		1	Type of protective casing, circle one: (S) *tick-up (F) lush-mount*
19	pro_ht	character		3	Height of stickup in feet. <1, 1-2, 2-3, 3+
20	pro_mtl	character		5	Pro casing material: *(I) ron (S) teel (O) ther*
21	pro_shp	character		9	Pro casing shape: *(R) ound (S) quare (O) ctagonal*
22	cov_type	character		32	Cover type & material *Steel slip, Steel flap, Alum. slip, Curb box non-locking, Hex. bolted*
23	pro_dia	numeric	1	4	Pro casing outside diameter
24	std_lock	character		1	Standard SCS lock present? *(Y) es (N) o (R) eplaced by us today*
25	dia	numeric	1	4	Well diameter if known *1.5", 2", 4", 6", 8", Larger or Sump*
26	haz	character		1	Biological hazards: *(W) asps (B) ees (P) oison Ivy (N) one*
27	prob	memo		4	Notable problems or comments [illegible]
28	trim_per	character		20	Trimble Instr. person: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer)
29	mag_per	character		20	Magellan instr. person: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer)
30	insp_by	character		20	Inspector: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer)
31	sam_type	numeric		1	(1) MW for chemical analysis, (2) MW, GW elevation only, (3) SW/SED, chemical analysis, (4) SED chem analysis, (5) Other, (6) Not presently in use.

#	FIELD	TYPE	DECIMA	LENGTH	EXPLANATION AND ACCEPTABLE KEYED ENTRIES
1	name	character		32	**Site name**
2	s_code	character		7	Site ID
3	inv_date	date		8	Date
4	ltmpoint	character		16	**Well ID (name)**
5	damage	character		1	Is well damaged or destroyed? Y or N
6	nytm_x	numeric		6	NYTM_X write below
7	nytm_y	numeric		7	NYTM_Y write below
8	pdop	numeric	1	4	PDOP Reading from Trimble Pathfinder (Satelites:)
9	gps_meth	character		1	GPS Method circle: *(T) rimble (A)nd / (O)r (M) agellan*
10	well_vis	character		1	Well visible? Circle one: *(V) ery (F) airly (S) lightly (N) ot*
11	name_v	character		1	Well ID (name) visible? *(V) ery (F) airly (S) lightly (N) ot*
12	name_a	character		20	Well ID as it appears on well
13	conc_col	character		1	Concrete surface seal present? *(Y) es or (N) o*
14	col_cond	character		1	Surface seal condition *(G) ood (F) air (C) racked (R) aised (S) unken (P) oor (A) bsent*
15	pro_cond	character		1	General pro. casing condition *(E) xcellant (G) ood (F) air (P) oor (A) bsent*
16	paint_col	character		20	Paint color
17	paint_con	character		1	Paint condition (E) xcellant (G) ood (F) air (P) oor (A) bsent
18	welltype	character		1	Type of protective casing, circle one: *(S) tick-up (F) lush-mount*
19	pro_ht	character		3	Height of stickup in feet: <1, 1-2, 2-3, 3+
20	pro_mtl	character		5	Pro casing material: *(I) ron (S) teel (O) ther*
21	pro_shp	character		9	Pro casing shape: *(R) ound (S) quare (O) ctagonal*
22	cov_type	character		32	Cover type & material *Steel slip, Steel flap, Alum. slip, Curb box non-locking, Hex. bolted*
23	pro_dia	numeric	1	4	Pro casing outside diameter
24	std_lock	character		1	Standard SCS lock present? *(Y) es (N) o (R) eplaced by us today*
25	dia	numeric	1	4	Well diameter if known *1.5", 2", 4", 6", 8", Larger or Sump*
26	haz	character		1	Biological hazards: *(W) asps (B) ees (P) oison Ivy (N) one*
27	prob	memo		4	Notable problems or comments
28	trim_per	character		20	Trimble Instr. person: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer)
29	mag_per	character		20	Magellan instr. person: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer)
30	insp_by	character		20	Inspector: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer)
31	sam_type	numeric		1	(1) MW for chemical analysis, (2) MW, GW elevation only, (3) SW/SED, chemical analysis, (4) SED chem analysis, (5) Other, (6) Not presently in use.

#	FIELD	TYPE	DECIMA	LENGTH	EXPLANATION AND ACCEPTABLE KEYED ENTRIES
1	name	character		32	**Site name** Beaver
2	s_code	character		7	Site ID
3	inv_date	date		8	Date 12 - 14 - 04
4	ltmpoint	character		16	**Well ID (name)** MW - 13
5	damage	character		1	Is well damaged or destroyed? Y *or* (N)
6	nytm_x	numeric		6	NYTM_X write below 533524
7	nytm_y	numeric		7	NYTM_Y write below 4624505
8	pdop	numeric	1	4	PDOP Reading from Trimble Pathfinder (Satelites:)
9	gps_meth	character		1	GPS Method circle: *(T) rimble (A)nd / (O)r (M) agellan*
10	well_vis	character		1	Well visible? Circle one: *(V) ery (F) airly (S) lightly (N) ot*
11	name_v	character		1	Well ID (name) visible? *(V) ery (F) airly (S) lightly (N) ot*
12	name_a	character		20	Well ID as it appears on well MW - 13
13	conc_col	character		1	Concrete surface seal present? *(Y) es or (N) o*
14	col_cond	character		1	Surface seal condition *(G) ood (F) air (C) racked (R) aised (S) unken (P) oor (A) bsent*
15	pro_cond	character		1	General pro. casing condition *(E) xcellant (G) ood (F) air (P) oor (A) bsent*
16	paint_col	character		20	Paint color
17	paint_con	character		1	Paint condition (E) xcellant (G) ood (F) air (P) oor (A) bsent
18	welltype	character		1	Type of protective casing, circle one: *(S) tick-up (F) lush-mount*
19	pro_ht	character		3	Height of stickup in feet: <1, 1-2, 2-3, 3+
20	pro_mtl	character		5	Pro casing material: *(I) ron (S) teel (O) ther*
21	pro_shp	character		9	Pro casing shape: *(R) ound (S) quare (O) ctagonal*
22	cov_type	character		32	Cover type & material *Steel slip, Steel flap, Alum. slip, Curb box non-locking, Hex. bolted*
23	pro_dia	numeric	1	4	Pro casing outside diameter 4
24	std_lock	character		1	Standard SCS lock present? *(Y) es (N) o (R) eplaced by us today*
25	dia	numeric	1	4	Well diameter if known *1.5", (2") 4", 6", 8", Larger or Sump*
26	haz	character		1	Biological hazards: *(W) asps (B) ees (P) oison Ivy (N) one*
27	prob	memo		4	Notable problems or comments Photo 12
28	trim_per	character		20	Trimble Instr. person: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer)
29	mag_per	character		20	Magellan instr. person: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer)
30	insp_by	character		20	Inspector: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer)
31	sam_type	numeric		1	(1) MW for chemical analysis, (2) MW, GW elevation only, (3) SW/SED, chemical analysis, (4) SED chem analysis, (5) Other, (6) Not presently in use.

#	FIELD	TYPE	DECIMA	LENGTH	EXPLANATION AND ACCEPTABLE KEYED ENTRIES
1	name	character		32	**Site name** Beaver Smelting
2	s_code	character		7	Site ID
3	inv_date	date		8	Date 12/14/94
4	ltmpoint	character		16	**Well ID (name)** None short stick up near MW9
5	damage	character		1	Is well damaged or destroyed? Y or (N)
6	nytm_x	numeric		6	NYTM_X write below E 533772
7	nytm_y	numeric		7	NYTM_Y write below N 4624713
8	pdop	numeric	1	4	PDOP Reading from Trimble Pathfinder (Satelites:)
9	gps_meth	character		1	GPS Method circle: *(T) rimble (A)nd / (O)r (M) agellan*
10	well_vis	character		1	Well visible? Circle one: *(V) ery (F) airly (S) lightly (N) ot*
11	name_v	character		1	Well ID (name) visible? *(V) ery (F) airly (S) lightly (N) ot*
12	name_a	character		20	Well ID as it appears on well None
13	conc_col	character		1	Concrete surface seal present? (Y) es or *(N) o*
14	col_cond	character		1	Surface seal condition *(G) ood (F) air (C) racked (R) aised (S) unken (P) oor (A) bsent*
15	pro_cond	character		1	General pro. casing condition *(E) xcellant (G) ood (F) air (P) oor (A) bsent*
16	paint_col	character		20	Paint color
17	paint_con	character		1	Paint condition (E) xcellant (G) ood (F) air (P) oor (A) bsent
18	welltype	character		1	Type of protective casing, circle one: *(S) tick-up (F) lush-mount*
19	pro_ht	character		3	Height of stickup in feet: <1, (1-2), 2-3, 3+
20	pro_mtl	character		5	Pro casing material: *(I) ron* (S) teel *(O) ther*
21	pro_shp	character		9	Pro casing shape: (R) ound *(S) quare (O) ctagonal*
22	cov_type	character		32	Cover type & material *Steel slip, Steel flap, Alum. slip, Curb box non-locking, Hex. bolted*
23	pro_dia	numeric	1	4	Pro casing outside diameter 4 ft
24	std_lock	character		1	Standard SCS lock present? *(Y) es (N) o (R) eplaced by us today*
25	dia	numeric	1	4	Well diameter if known *1.5", 2", 4", 6", 8", Larger or Sump*
26	haz	character		1	Biological hazards: *(W) asps (B) ees (P) oison Ivy (N) one*
27	prob	memo		4	Notable problems or comments
28	trim_per	character		20	Trimble Instr. person: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer)
29	mag_per	character		20	Magellan instr. person: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer)
30	insp_by	character		20	Inspector: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer)
31	sam_type	numeric		1	(1) MW for chemical analysis, (2) MW, GW elevation only, (3) SW/SED, chemical analysis, (4) SED chem analysis, (5) Other, (6) Not presently in use.

#	FIELD	TYPE	DECIMA	LENGTH	EXPLANATION AND ACCEPTABLE KEYED ENTRIES
1	name	character		32	**Site name** Beaver Spelling
2	s_code	character		7	Site ID
3	inv_date	date		8	Date 12-14-04
4	ltmpoint	character		16	**Well ID (name)** unk. tall stickup - [illegible]
5	damage	character		1	Is well damaged or destroyed? Y *or* N
6	nytm_x	numeric		6	NYTM_X write below E / NYTM_Y write below N
7	nytm_y	numeric		7	533751 / 4629705
8	pdop	numeric	1	4	PDOP Reading from Trimble Pathfinder (Satelites:)
9	gps_meth	character		1	GPS Method circle: *(T) rimble (A)nd / (O)r (M) agellan*
10	well_vis	character		1	Well visible? Circle one: *(V) ery (F) airly (S) lightly (N) ot*
11	name_v	character		1	Well ID (name) visible? *(V) ery (F) airly (S) lightly (N) ot*
12	name_a	character		20	Well ID as it appears on well NMG
13	conc_col	character		1	Concrete surface seal present? *(Y) es or (N) o*
14	col_cond	character		1	Surface seal condition *(G) ood (F) air (C) racked (R) aised (S) unken (P) oor (A) bsent*
15	pro_cond	character		1	General pro. casing condition *(E) xcellant (G) ood (F) air (P) oor (A) bsent*
16	paint_col	character		20	Paint color rust
17	paint_con	character		1	Paint condition (E) xcellant (G) ood (F) air (P) oor (A) bsent
18	welltype	character		1	Type of protective casing, circle one: *(S) tick-up (F) lush-mount*
19	pro_ht	character		3	Height of stickup in feet: <1, 1-2, 2-3, 3+
20	pro_mtl	character		5	Pro casing material: *(I) ron (S) teel (O) ther*
21	pro_shp	character		9	Pro casing shape: *(R) ound (S) quare (O) ctagonal*
22	cov_type	character		32	Cover type & material *Steel slip, Steel flap, Alum. slip, Curb box non-locking, Hex. bolted*
23	pro_dia	numeric	1	4	Pro casing outside diameter 4"
24	std_lock	character		1	Standard SCS lock present? *(Y) es (N) o (R) eplaced by us today*
25	dia	numeric	1	4	Well diameter if known *1.5", 2", 4", 6", 8", Larger or Sump*
26	haz	character		1	Biological hazards: *(W) asps (B) ees (P) oison Ivy (N) one*
27	prob	memo		4	Notable problems or comments
28	trim_per	character		20	Trimble Instr. person: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer)
29	mag_per	character		20	Magellan instr. person: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer)
30	insp_by	character		20	Inspector: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer)
31	sam_type	numeric		1	(1) MW for chemical analysis, (2) MW, GW elevation only, (3) SW/SED, chemical analysis, (4) SED chem analysis, (5) Other, (6) Not presently in use.

#	FIELD	TYPE	DECIMA	LENGTH	EXPLANATION AND ACCEPTABLE KEYED ENTRIES
1	name	character		32	**Site name** Reeser Southern
2	s_code	character		7	Site ID
3	inv_date	date		8	Date 12-14-04
4	ltmpoint	character		16	**Well ID (name)** MW-9
5	damage	character		1	Is well damaged or destroyed? Y or (N)
6	nytm_x	numeric		6	NYTM_X write below 533772 E
7	nytm_y	numeric		7	NYTM_Y write below 4624763 N
8	pdop	numeric	1	4	PDOP Reading from Trimble Pathfinder (Satelites:)
9	gps_meth	character		1	GPS Method circle: *(T) rimble (A)nd / (O)r (M) agellan*
10	well_vis	character		1	Well visible? Circle one: *(V) ery (F) airly (S) lightly* (N) ot
11	name_v	character		1	Well ID (name) visible? (V) ery *(F) airly (S) lightly (N) ot*
12	name_a	character		20	Well ID as it appears on well MW-9
13	conc_col	character		1	Concrete surface seal present? (Y) es or *(N) o*
14	col_cond	character		1	Surface seal condition *(G) ood (F) air* (C) racked *(R) aised (S) unken (P) oor (A) bsent*
15	pro_cond	character		1	General pro. casing condition *(E) xcellant* (G) ood *(F) air (P) oor (A) bsent*
16	paint_col	character		20	Paint color
17	paint_con	character		1	Paint condition (E) xcellant (G) ood (F) air (P) oor (A) bsent
18	welltype	character		1	Type of protective casing, circle one: (S) tick-up *(F) lush-mount*
19	pro_ht	character		3	Height of stickup in feet: <1, 1-2, 2-3, 3+
20	pro_mtl	character		5	Pro casing material (I) ron *(S) teel (O) ther*
21	pro_shp	character		9	Pro casing shape: (R) ound *(S) quare (O) ctagonal*
22	cov_type	character		32	Cover type & material *Steel slip, Steel flap, Alum. slip, Curb box non-locking, Hex. bolted*
23	pro_dia	numeric	1	4	Pro casing outside diameter 4
24	std_lock	character		1	Standard SCS lock present? (Y) es *(N) o (R) eplaced by us today*
25	dia	numeric	1	4	Well diameter if known *1.5",* 2" *4", 6", 8", Larger or Sump*
26	haz	character		1	Biological hazards: *(W) asps (B) ees (P) oison Ivy* (N) one
27	prob	memo		4	Notable problems or comments Photos 25 + 26
28	trim_per	character		20	Trimble Instr. person: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer)
29	mag_per	character		20	Magellan instr. person: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer)
30	insp_by	character		20	Inspector: (Hoffman) (Welling) (Pine) (Dunham) (Sylvester) (Bayer)
31	sam_type	numeric		1	(1) MW for chemical analysis, (2) MW, GW elevation only, (3) SW/SED, chemical analysis, (4) SED chem analysis, (5) Other, (6) Not presently in use.

Beaver Smelting ID No. 353005

Monitoring Well Inventory, 12/14/04

A click on a photo opens the photo at 640 x 480 pixels in a new browser window.

Photos with Notes

Photo	Description
	Photo left. MW-6 533773 4624468 All GPS coordinates at this site are in UTM meters, Zone 18, X-coordinate (E) Y-coordinate (N).
	Photo left. MW-7 533749 4624443

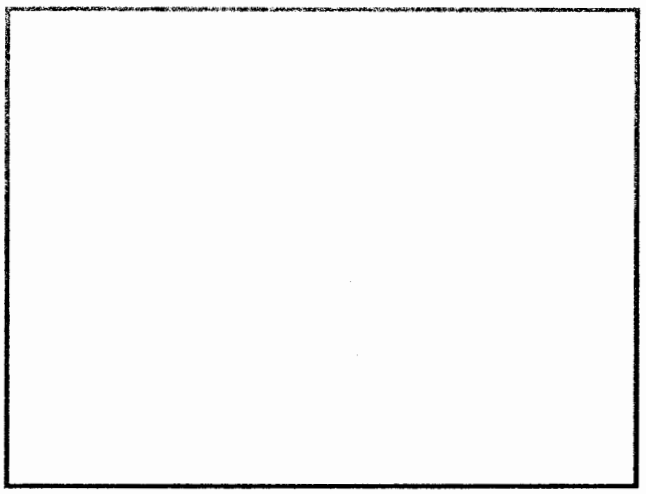
Photo left. MW-1 DESTROYED 533631 4624550

Photo left. MW-2 533615 4624598

Photo left. MW-3 533572 4624524

Photo left. MW-4 533570 4624476

Photo left. MW-5 533560 4624443



Leachate Outbreak 533561 4624457

Photo left. MW-12 533527 4624465

Photo left. MW-13 533524 4624505

Short stick-up near MW-9: 533772 4624713

Unknown, tall stick-up over by MW-9

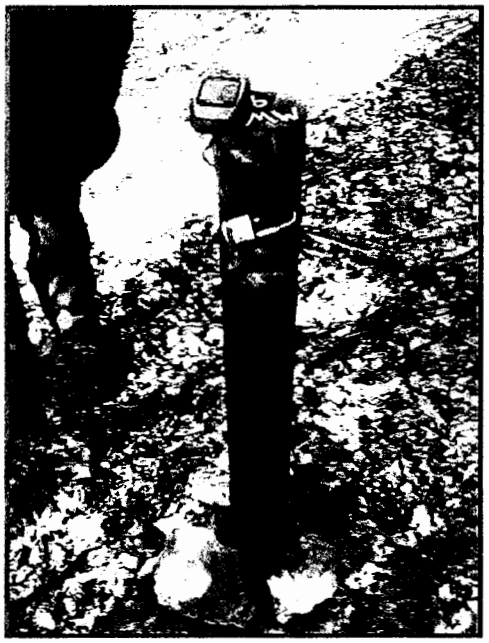
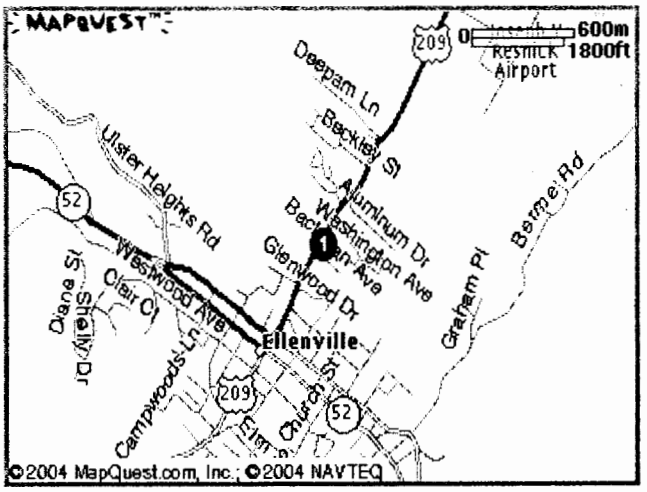


Photo left. MW-9 533772 4624763

Photo left. Another view of MW-9.

Photo left. Polish Deli and Restaurant, Route 209, Main St., Ellenville, endorsed by C.R. Hoffman, G. Momberger and W. Welling on December 14, 2004. NYTM: 550600 4619034



Deli Location

Section 5.0 - Health and Safety Plan

SITE SAFETY PLAN

T&A Code 9106

Sample ID Nos. ______-______-______-[01-__]

Site Name: Beaver Smelting

Site Address: Beaver [illegible]

Woodbury

County: Sullivan Region: [illegible]

Registry Status: ☑ existing site Site ID No: [illegible]353 [illegible]

☐ "P" site "P" Site ID No. ______

☐ not listed

☐ "Brownfields" site Site ID No: ______

Regional contact: Ram [illegible] Phone No: [illegible]

Plan prepared by: William [illegible] Date: [illegible]

Approved by:

- Section Representative: ______ Date: ______
- Section Chief: Gerald Rider Date: ______

Proposed date of sampling/investigation: [illegible]

BACKGROUND INFORMATION

Information sources for background review:

☑ Routine O&M Sampling - Last sampled on: [illegible]/92

☐ Phase I/Phase II Investigation: Date: ______

☐ Preliminary Site Assessment: Date: ______

☐ EPA/NUS Investigation Report: Date: ______

☐ RI/FS Reports: Date: ______

☐ Registry/File Review

☐ Other Reports/Studies: Date: ______ Type: ______

Site Status:

☐ Active ☑ Inactive ☐ Abandoned ☐ Unknown

Are there any unusual features on the site that may be of concern?

☐ Yes [describe below] ☑ No

Wastes of concern:

Lead, Cadmium, Selenium, Other Heavy Metals

Waste characteristics:

- [x] Corrosive
- [ ] Reactive
- [x] Toxic
- [ ] Ignitable
- [ ] Volatile
- [ ] Unknown

Overall hazard levels anticipated on-site:

- [ ] High
- [ ] Moderate
- [x] Low
- [ ] None
- [ ] Unknown

Slip/trip hazards:

- [x] Yes
- [ ] No

Describe: Steep Slopes on Fill Area Trenches

Overall hazard assessment:

Slip + Trip Hazards

ON-SITE ACTIVITIES

Has this site been sampled and/or investigated before?	[x] Yes [ ] No
Has the site perimeter been identified?	[x] Yes [ ] No [ ] Unknown
Is the site fenced?	[ ] Yes [ ] No [ ] Unknown
Is a site map/sketch available?	[x] Yes [ ] No [if yes, attach]
Have areas of contamination been identified?	[x] Yes [ ] No
Will air quality monitoring be conducted on-site?	[ ] Yes [x] No
Is sampling planned at this site?	[x] Yes [ ] No L/A # Doc 2841-38

If yes:	Parameters to be analyzed for
[x] soil/sediment	Heavy metals
[x] surface water	Heavy metals
[x] groundwater	Heavy metals
[ ] waste product	

List the proposed on-site activities:

1. Sampling
2. Inspections
3.
4.
5.
6.

Will respiratory protection be required? ☐ Yes ☒ No

Level of respiratory protection anticipated.

- Level B [SCBA or supplied airline] ☐
- Level C [Air purifying respirator] ☐
- Level D [No external respiratory protection] ☒

Are Modifications to respiratory protection anticipated? ☐ Yes ☒ No

Describe: ______________________

Air quality monitoring equipment to be used (describe)

☐ Photo ionization detector N/A
☐ Flame ionization detector N/A
☐ Explosimeter/O2 meter ______
☐ Other equipment ______

List of personnel anticipated to be on site

	Name	Representing [DEC, DOH, etc.]/phone no.
1.	Carl Hoffman	DEC 518 402-9812
2.	Bill [illegible]	DEC 518 402-9812
3.	Ken [illegible]	DEC R/3
4.	Will [illegible]	DEC 518-402-9812
5.		
6.		
7.		
8.		
9.		
10.		

Emergency Planning

Is 911 Emergency service available for the County that the site is located in? ☑ Yes ☐ No

Hospital: 4 Harriman drive
Goshen, NY 10924-2410
Phone No. (845) 294-5441

Ambulance: ______
Phone No. ( ) 911

Police: ______
Phone No. ( ) 911

Other Emergency: ______
Phone No. ( ) 911

DEC/DOH County and/or Municipal Contacts

Name	Phone Number
Carl Hoffman [illegible]	(578) 402-9[illegible]
Tony [illegible]	(578) 402-9812
Bill Peker[illegible]	(578) 402-9[illegible]2
	( )

Hospital Route Information

- Attach a map that shows the site location and a nearby hospital. Highlite the best route to the hospital.

Optional written directions:

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Back

Use the print feature in your browser to print this page.

Woodbourne, NY
to
4 Harriman Dr
Goshen, NY 10924-2410

Find it in the 2005 Road Atlas

Woodbourne, NY
- page 69, grid section SA-4
- page 69, grid section SA-5
- page 69, grid section SB-4

Goshen, NY
- page 69, grid section SD-5
- page 69, grid section SD-6

Estimated Total Driving Time: 47 minutes

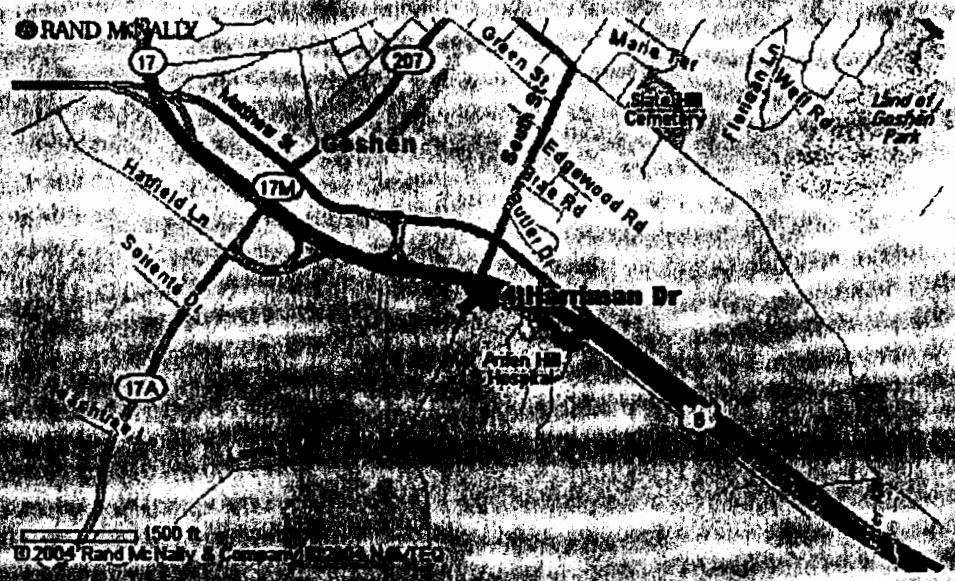
Estimated Total Driving Distance: 40 miles

Total Number of Steps:

Step	Directions	Distance
1	You are at Woodbourne,NY.	
2	Go SW on RT-52 for 0.35 miles	0.4 miles
3	Continue onto RT-42	8.6 miles
4	Bear right on ramp to RT-17 E	0.2 miles
5	Continue on RT-17 E	30.8 miles
6	Bear right onto off ramp at exit 125 to Harriman Dr	0.1 miles

7	Continue onto Harriman Dr	0.3 miles
8	You are at 4 Harriman Dr,Goshen,NY	

Destination: 4 Harriman Dr
Goshen, NY 10924-2410



We hope that you find our maps and driving directions helpful and easy to use. The driving directions you get on randmcnally.com are our best suggestions based on our currently available data and routing calculations. It's always a good idea to consult a printed Rand McNally map or road atlas before you start your trip and to call ahead to verify locations and directions. Please drive safely and obey all local driving instructions.

You may find a route that you think is better than the one we recommend and on occasion you might find an error in our maps and driving directions. Please let us know if you do.

Please note that these driving directions are suggestions. No warranty is given as to their content or route usability. randmcnally.com inc. and its suppliers assume no responsibility for any loss or delay resulting from such use.

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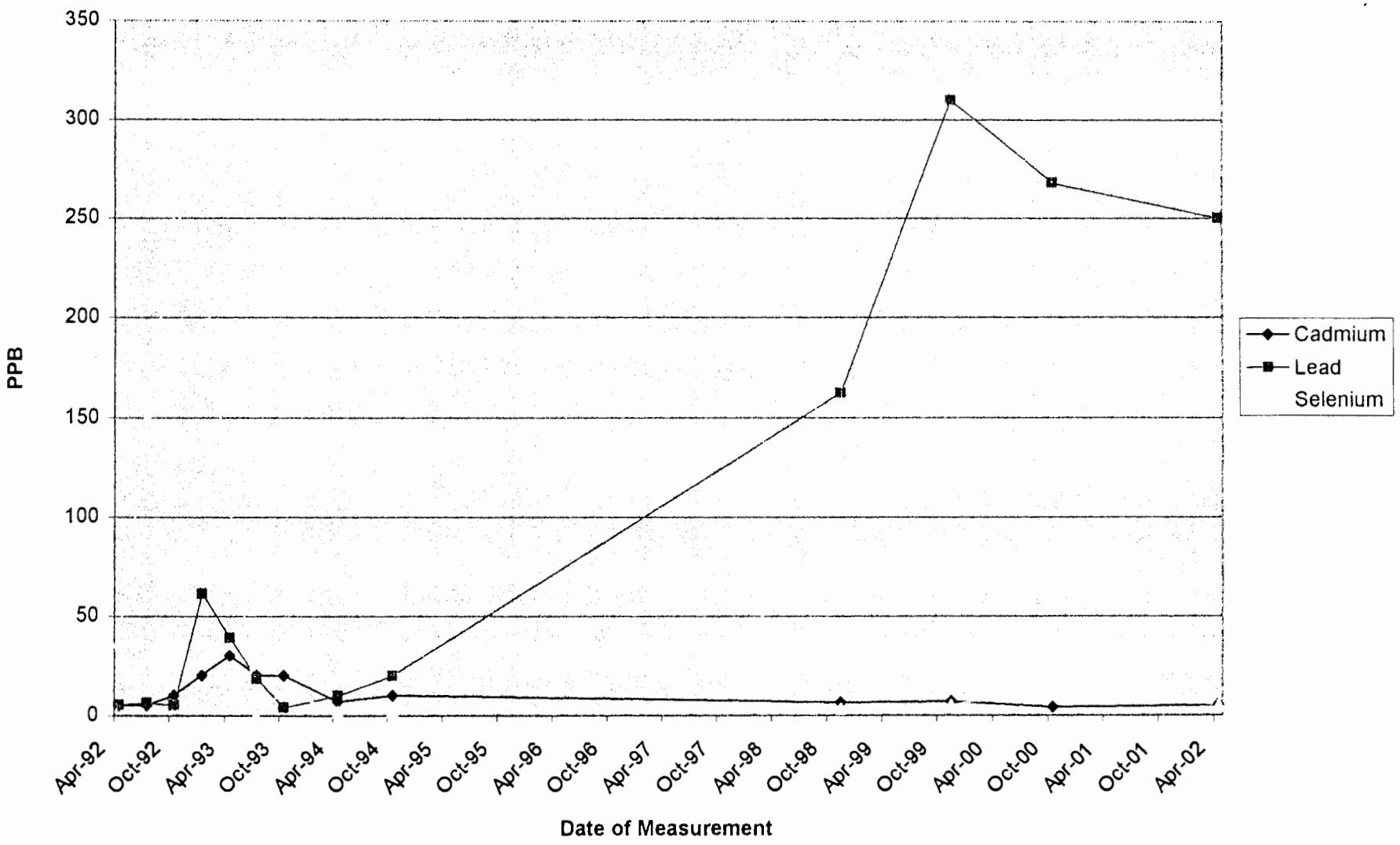
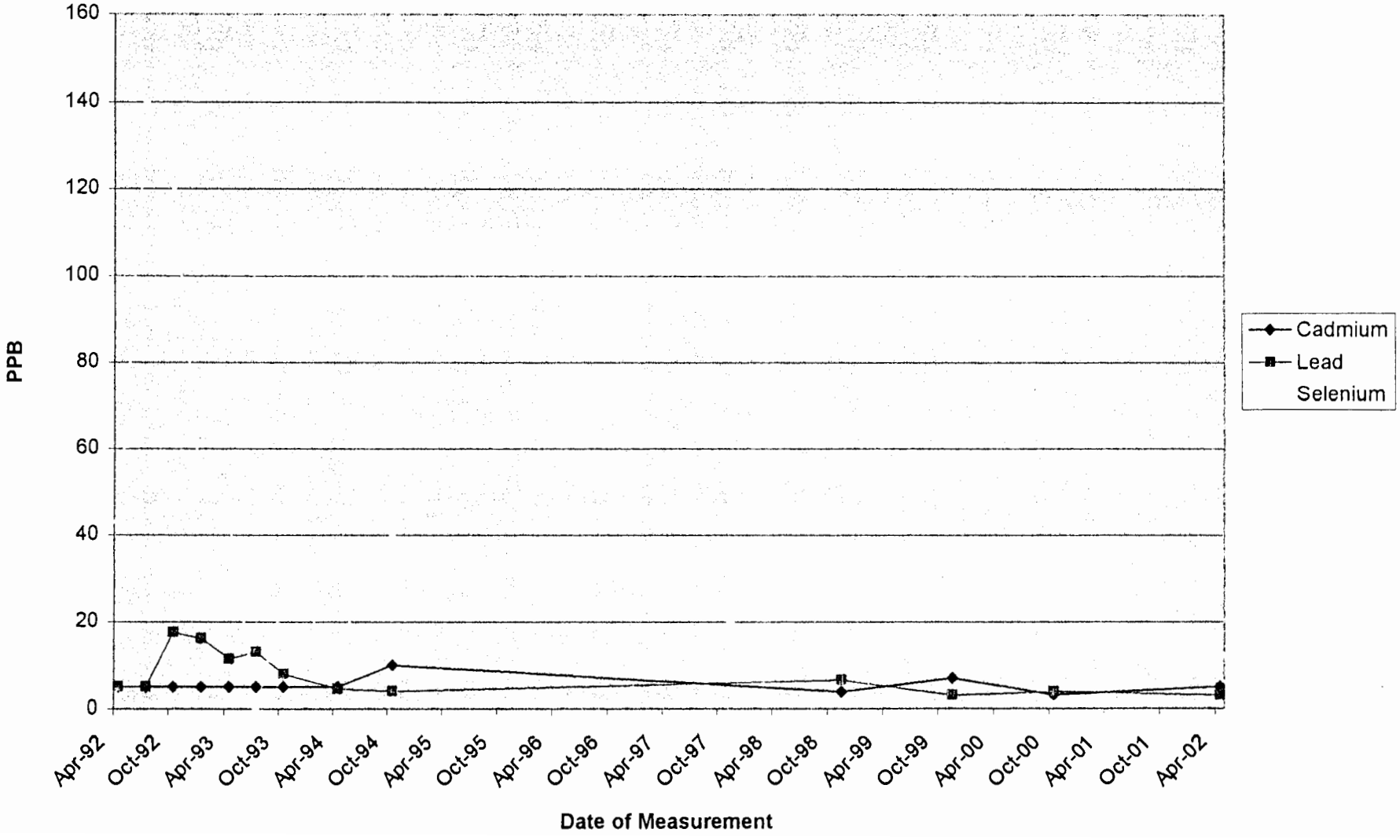
Section 6.0 - Historic Monitoring Reports

Contam Conc Time History MW-04



Contam Conc Time History MW-05



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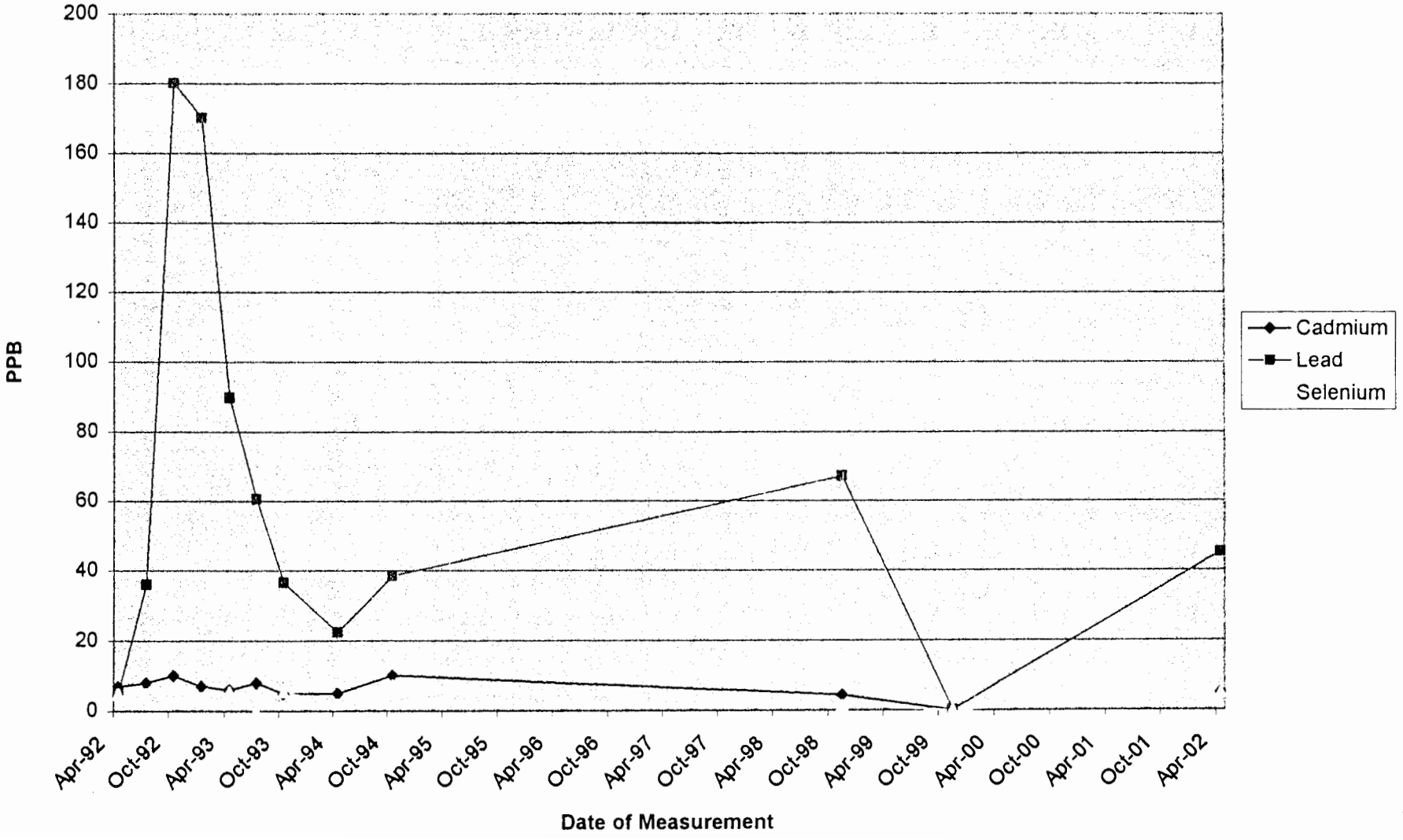

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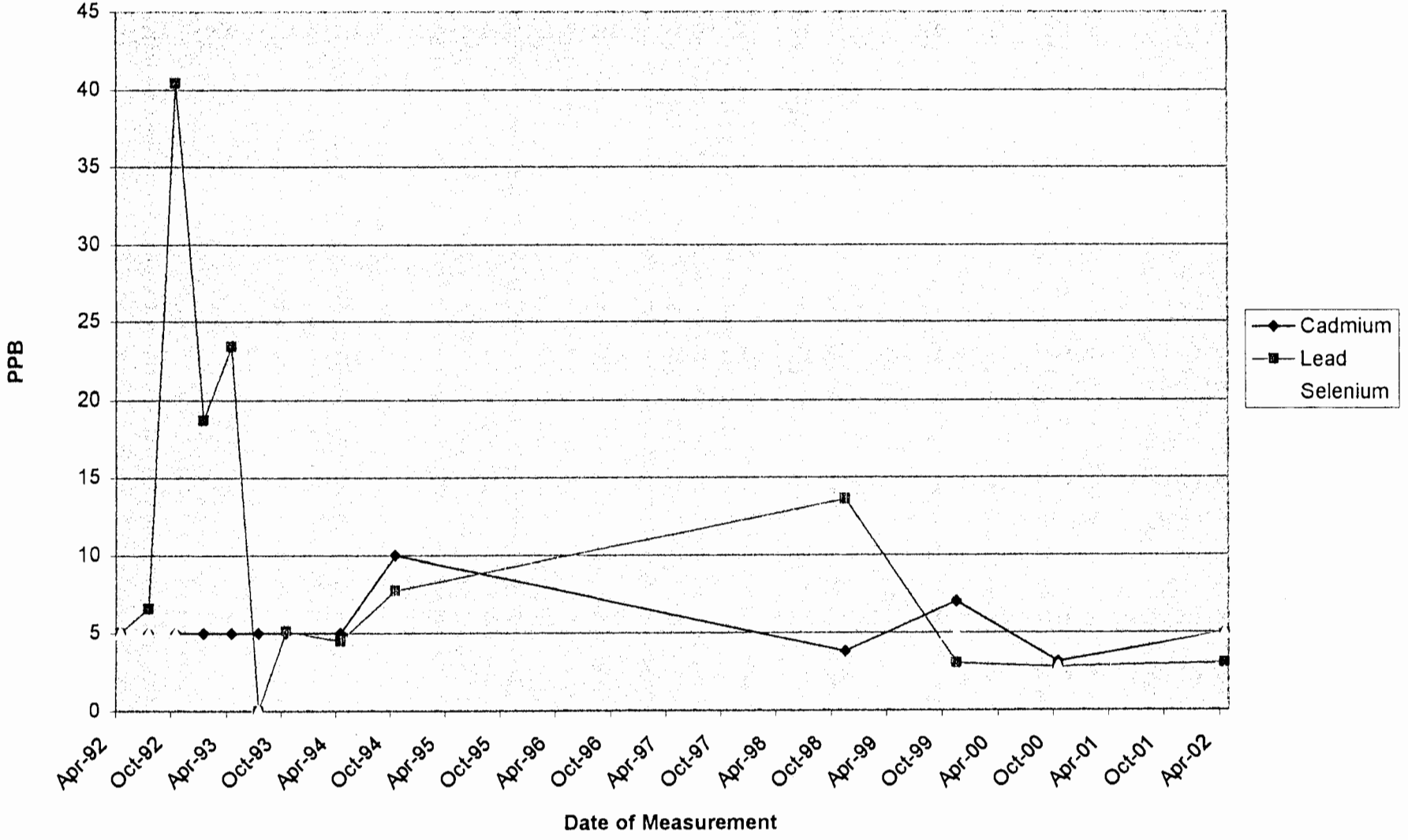
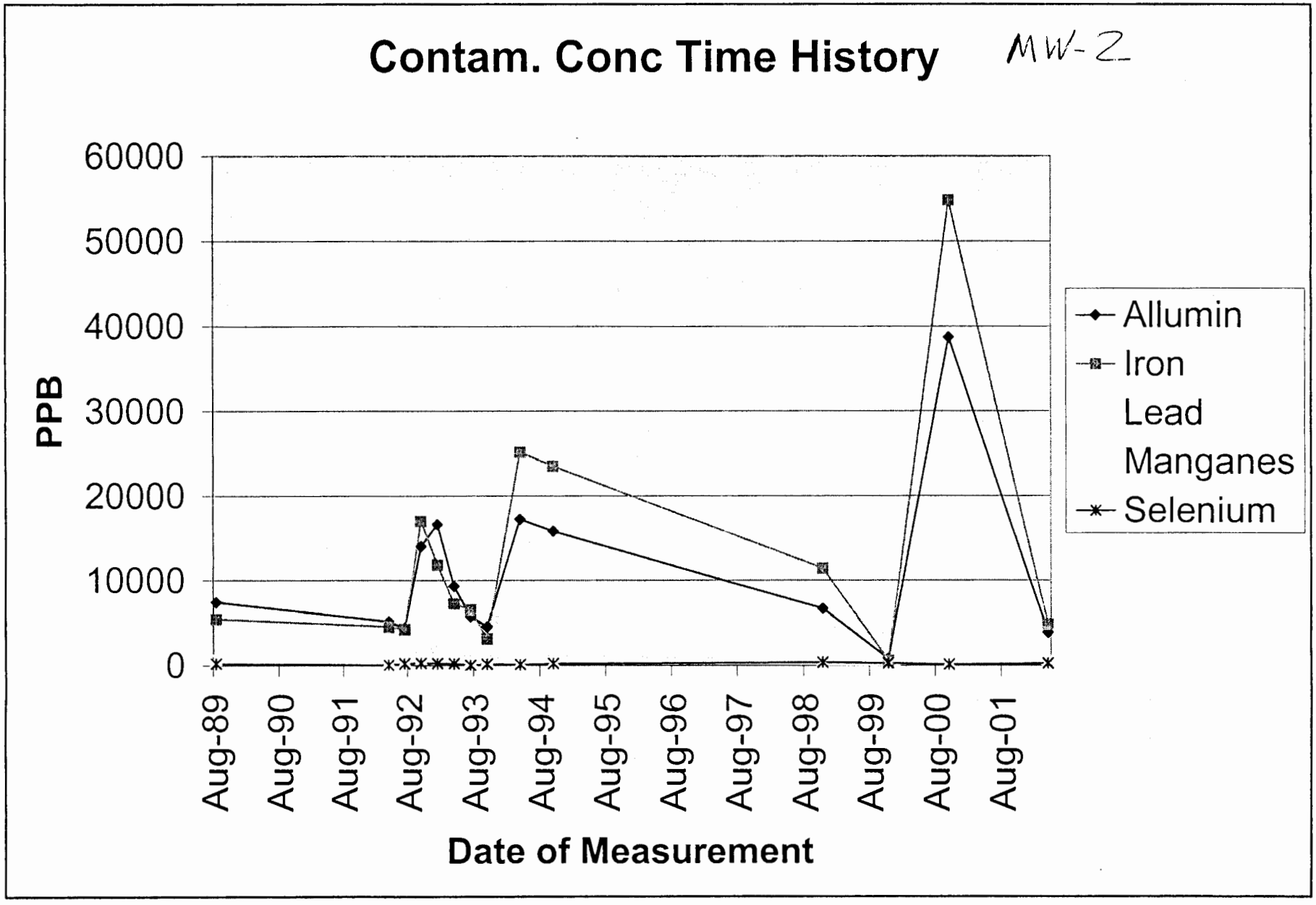
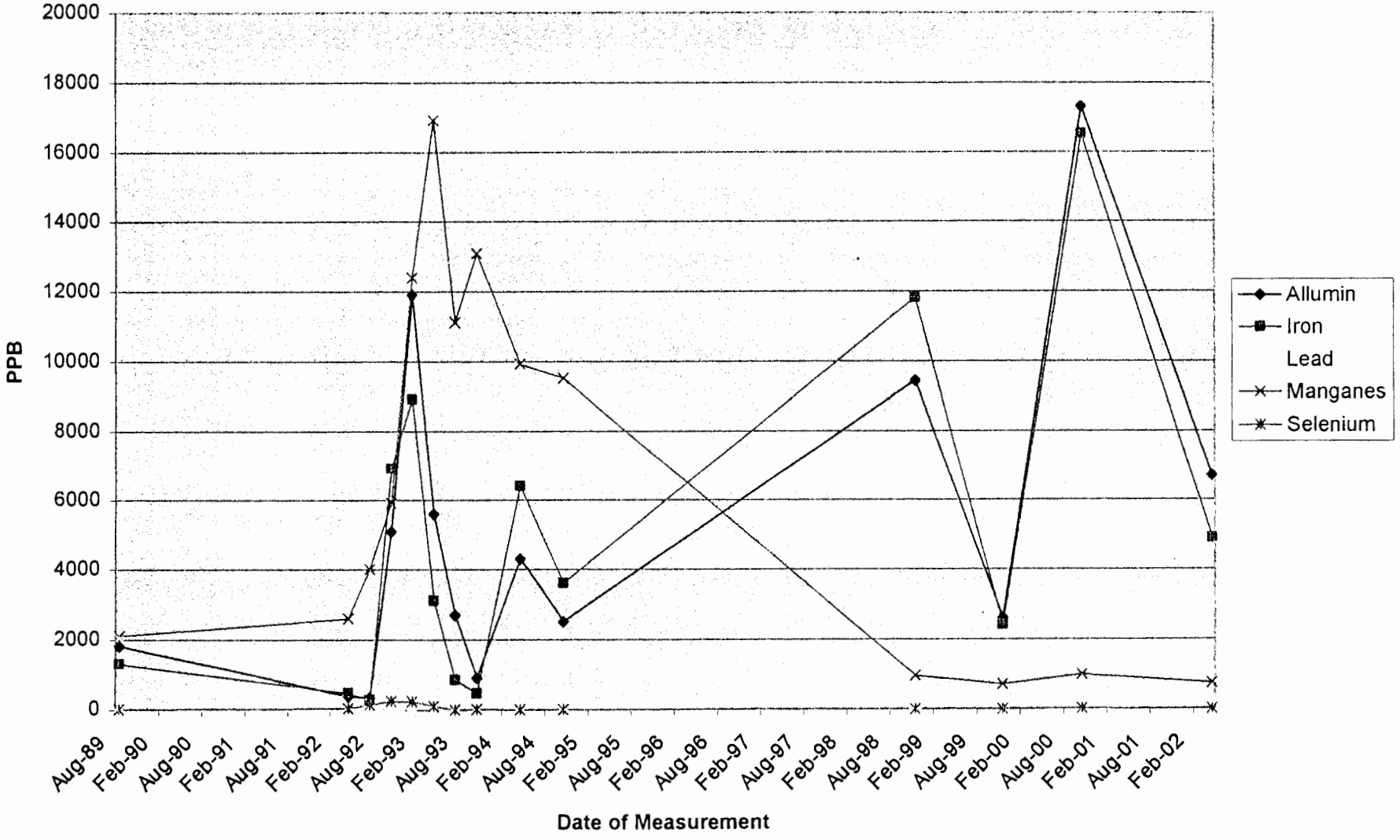
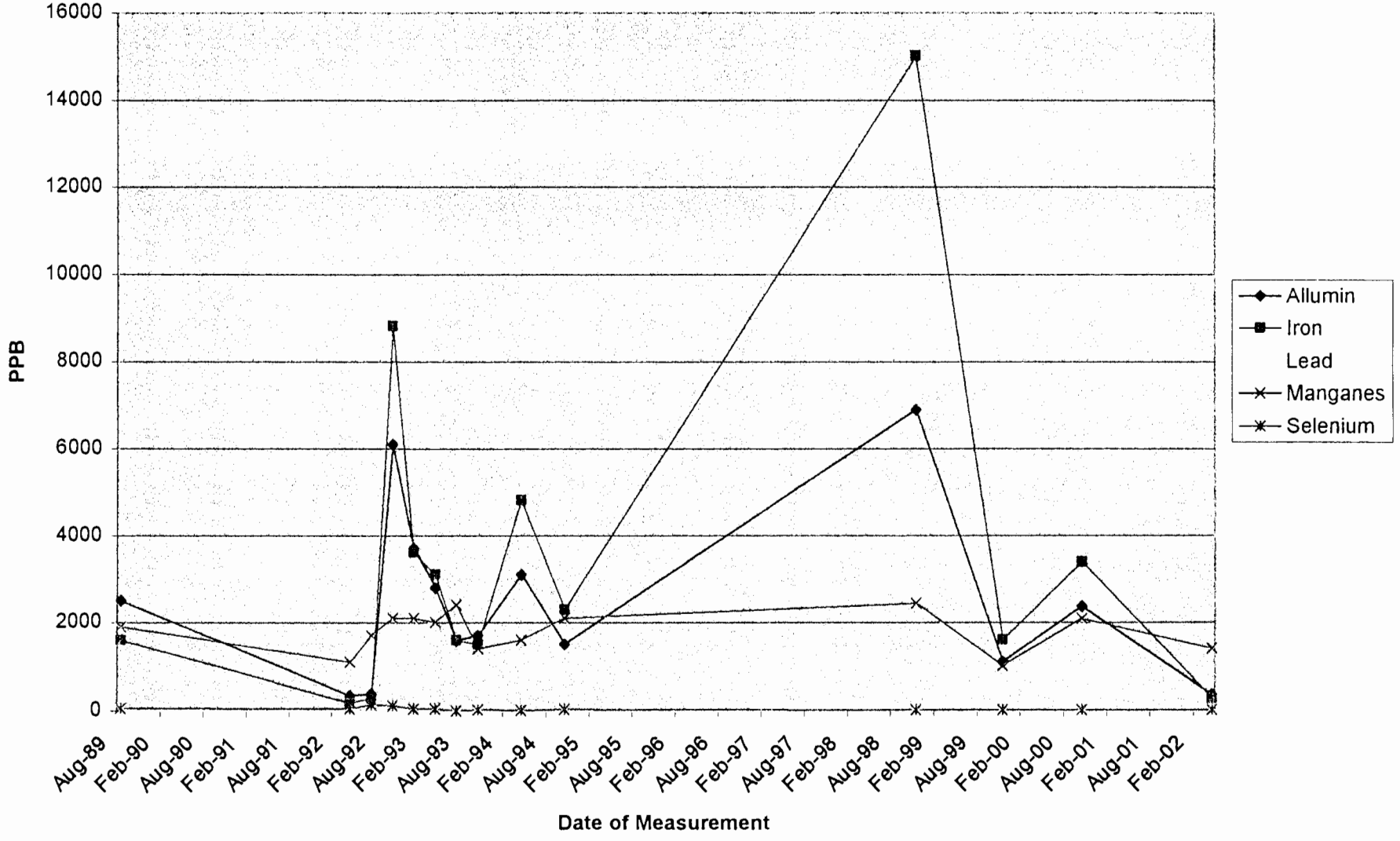



Contam. Conc Time History
MW-2
60000
50000
40000
30000
20000
10000
0
PPB
Aug-89
Aug-90
Aug-91
Aug-92
Aug-93
Aug-94
Aug-95
Aug-96
Aug-97
Aug-98
Aug-99
Aug-00
Aug-01
Date of Measurement
Allumin
Iron
Lead
Manganes
Selenium

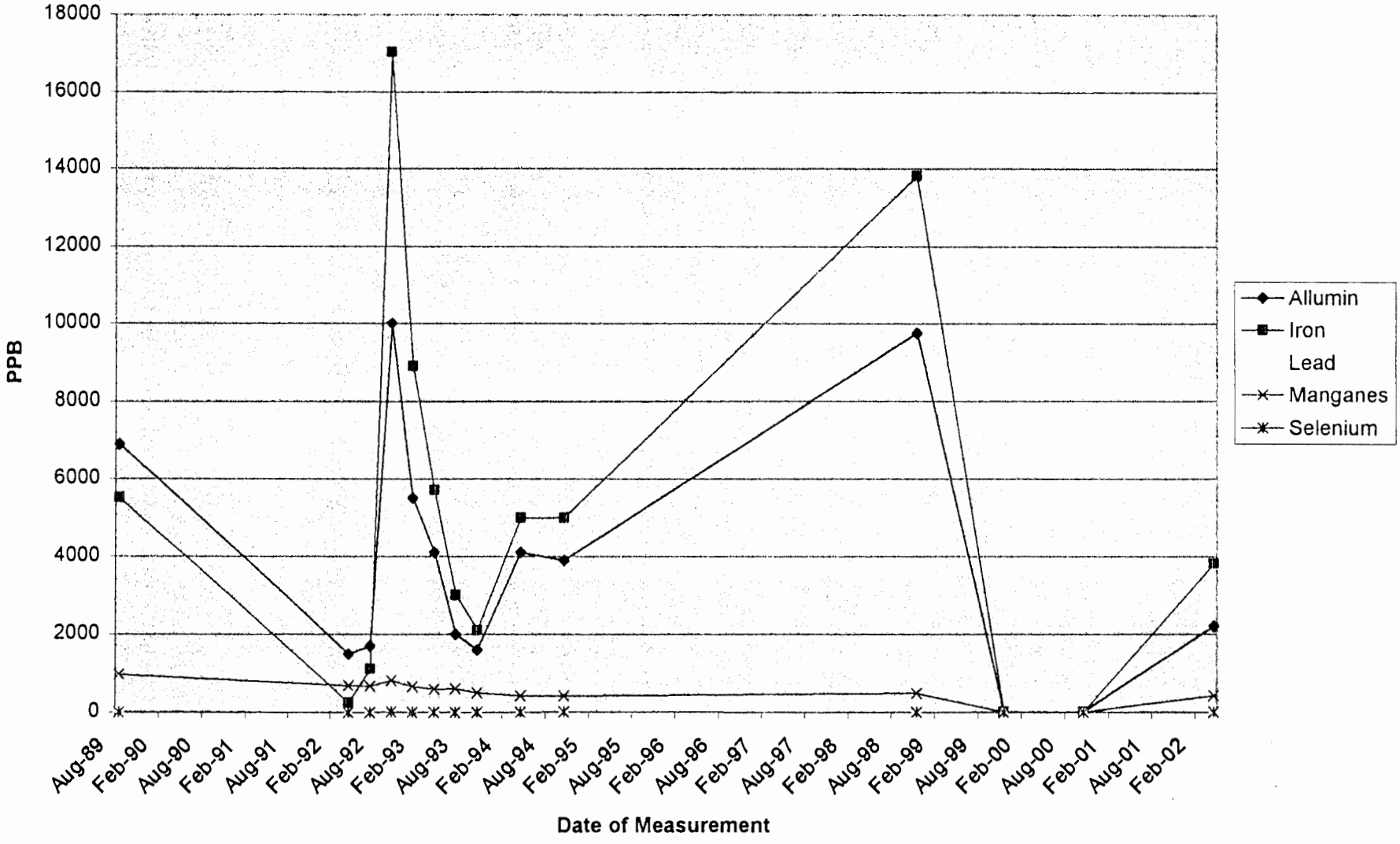
Contam. Conc. Time History MW-4



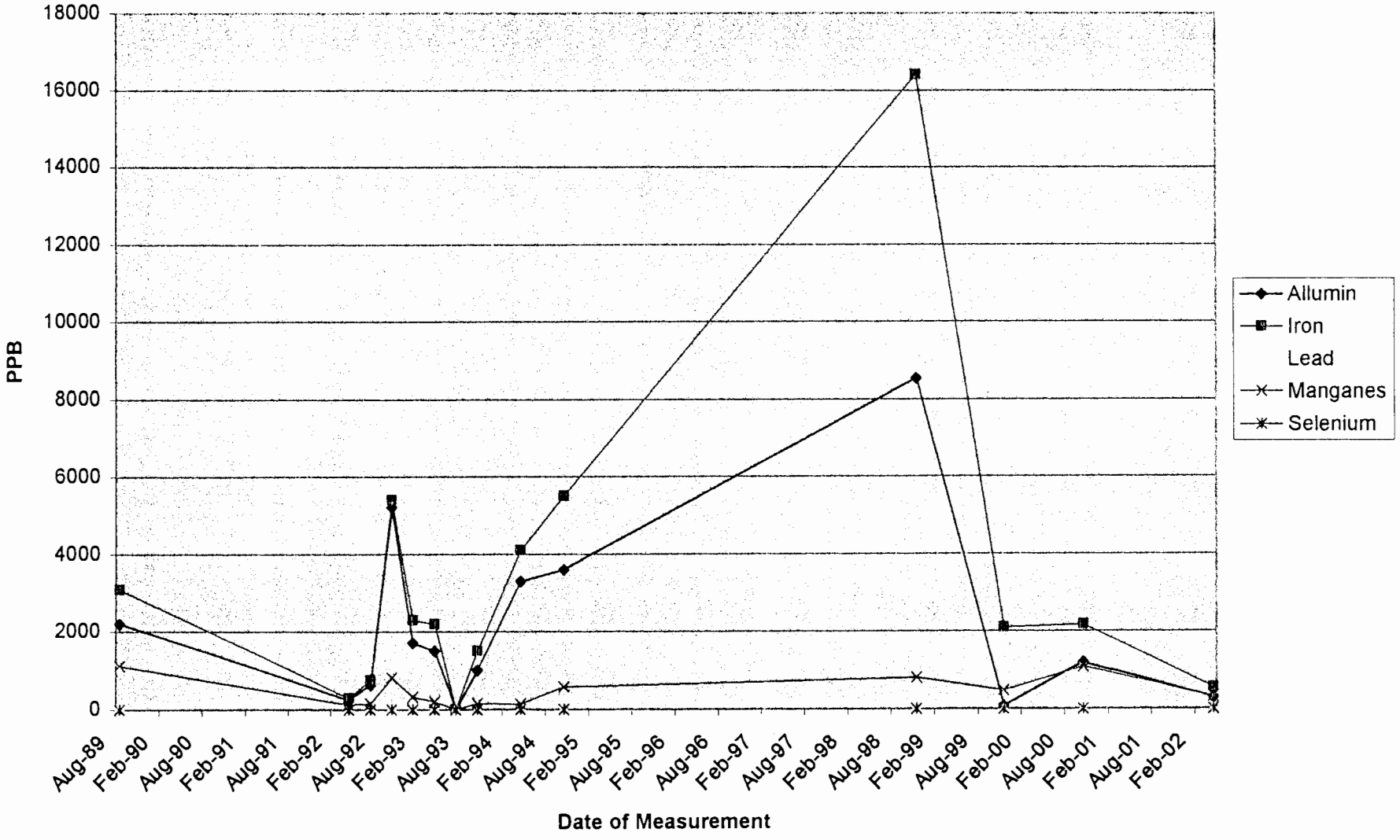
Contam. Conc. Time History MW-5



Contam. Conc. Time History MW-6



Contam Conc. Time History MW-9



Section 7.0 - Historic Groundwater Contour Maps

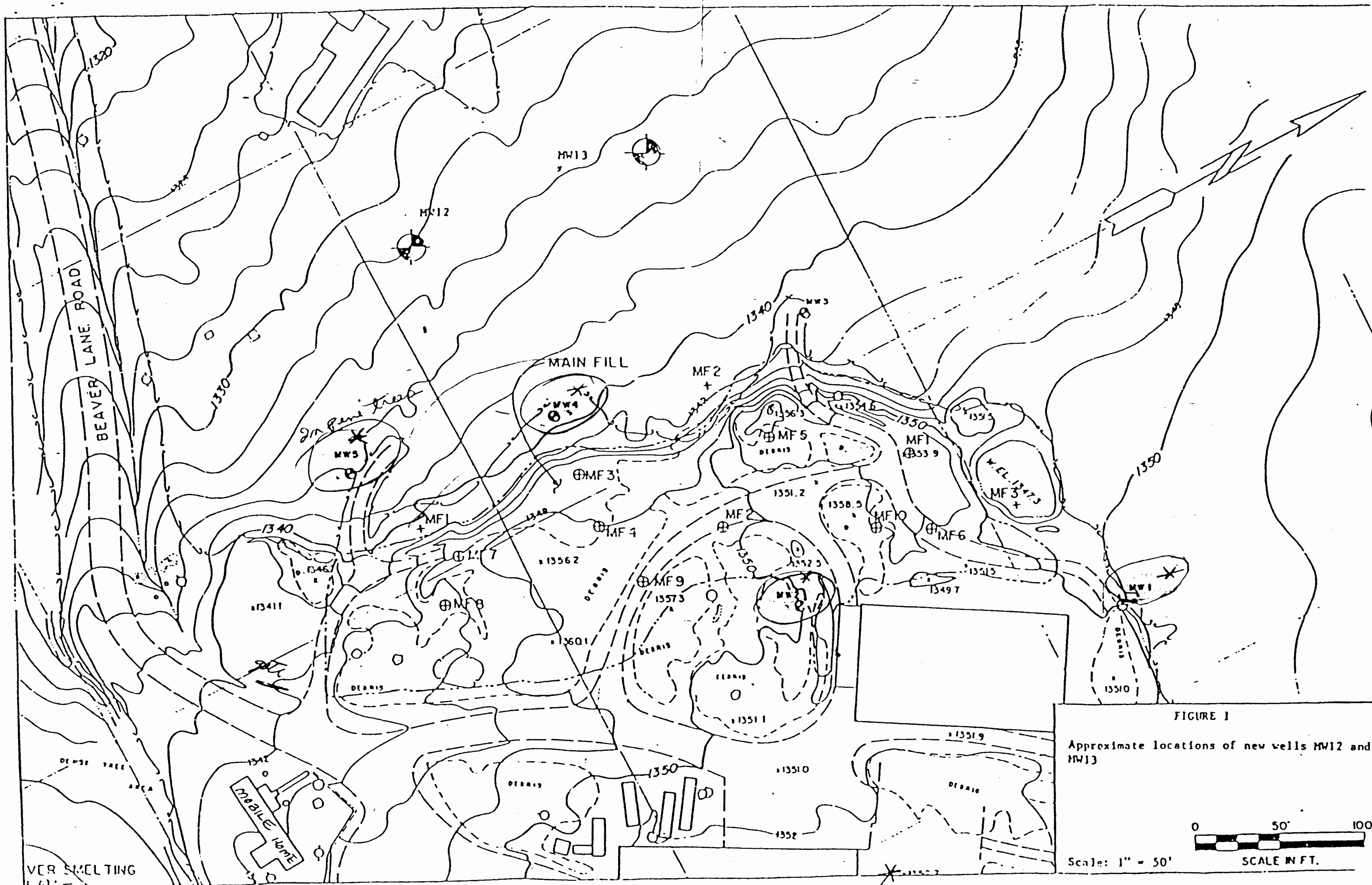


FIGURE 1

Approximate locations of new wells MW12 and MW13

Scale: 1" = 50'