Appendix D
Map of Wetlands/Long Lake

Parcel 004
18.19 ac

Parcel 004

005

006

007

Parcel 022
58.27 ac

Parcel 008
9.96 ac

Parcel 013.001
10.25 ac

New Pogue Road

Parcel
025
1.28 ac

New Pogue Road

Slag Pile

Old Pogue Road

Highway 3

Facility
(Parcel 011
41.1 ac)

Dock

Parcel
010
11.9 ac

Parcel
025
73.43 ac

Stormwater Basin
1M gal

Truck Parking Lot
(Fill Area)

Parcel 018
21.43 ac

Disturbed Wetlands

Zinc Oxide Spill
(Cleanup Area)

Parcel 017.001
45.97 ac

Tributary of
Long Lake

Forested Wetlands
(Undisturbed)

Parcel
016.001
4.33 ac

~ 500 ft.

Property Line

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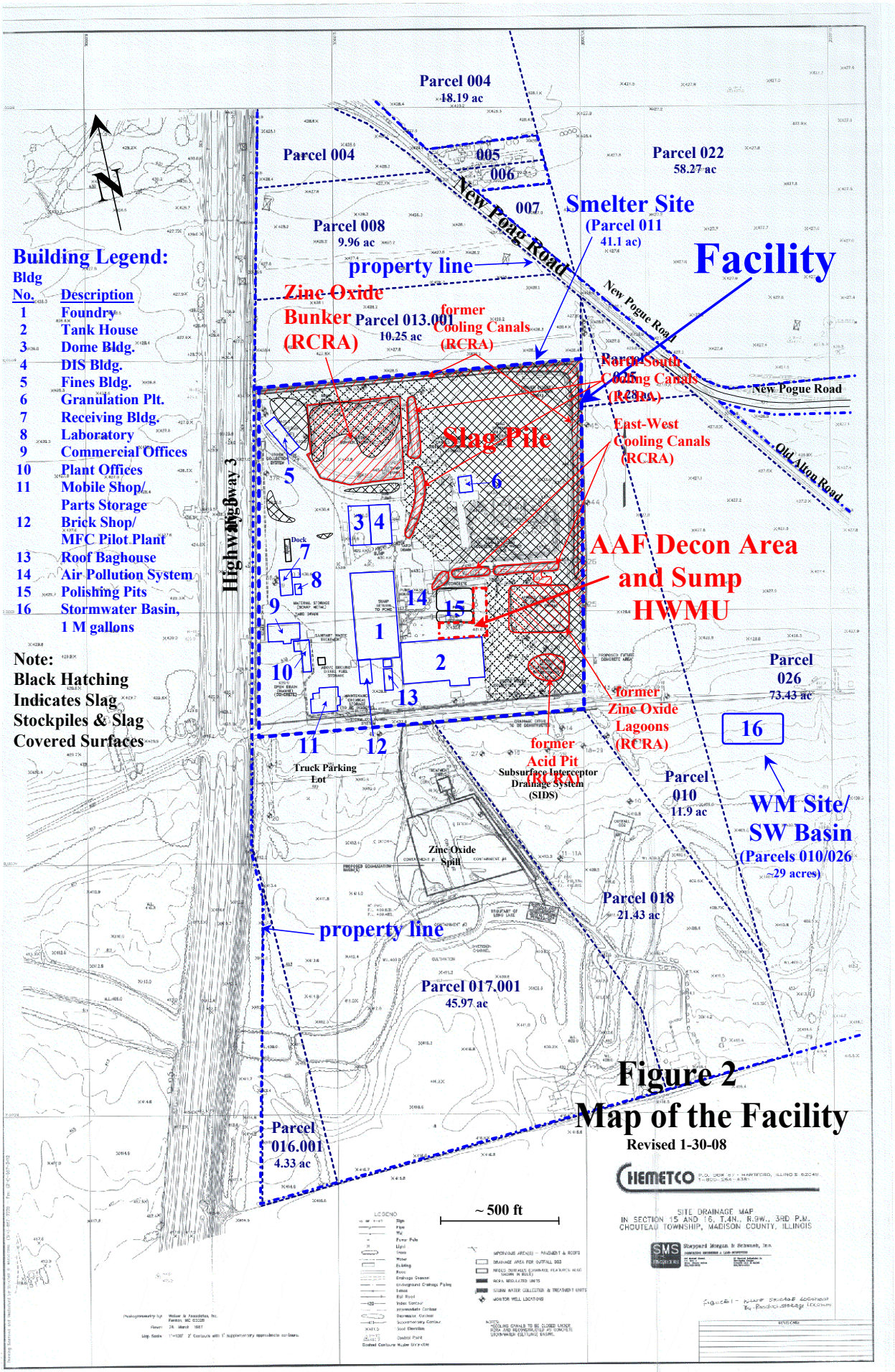
SITE DRAINAGE MAP
IN SECTION 15 AND 16, T.4N., R.9W., 3RD P.M.
CHOUTEAU TOWNSHIP, MADISON COUNTY, ILLINOIS

SMS ENGINEERS Sheppard Morgan & Schwenk, Inc.

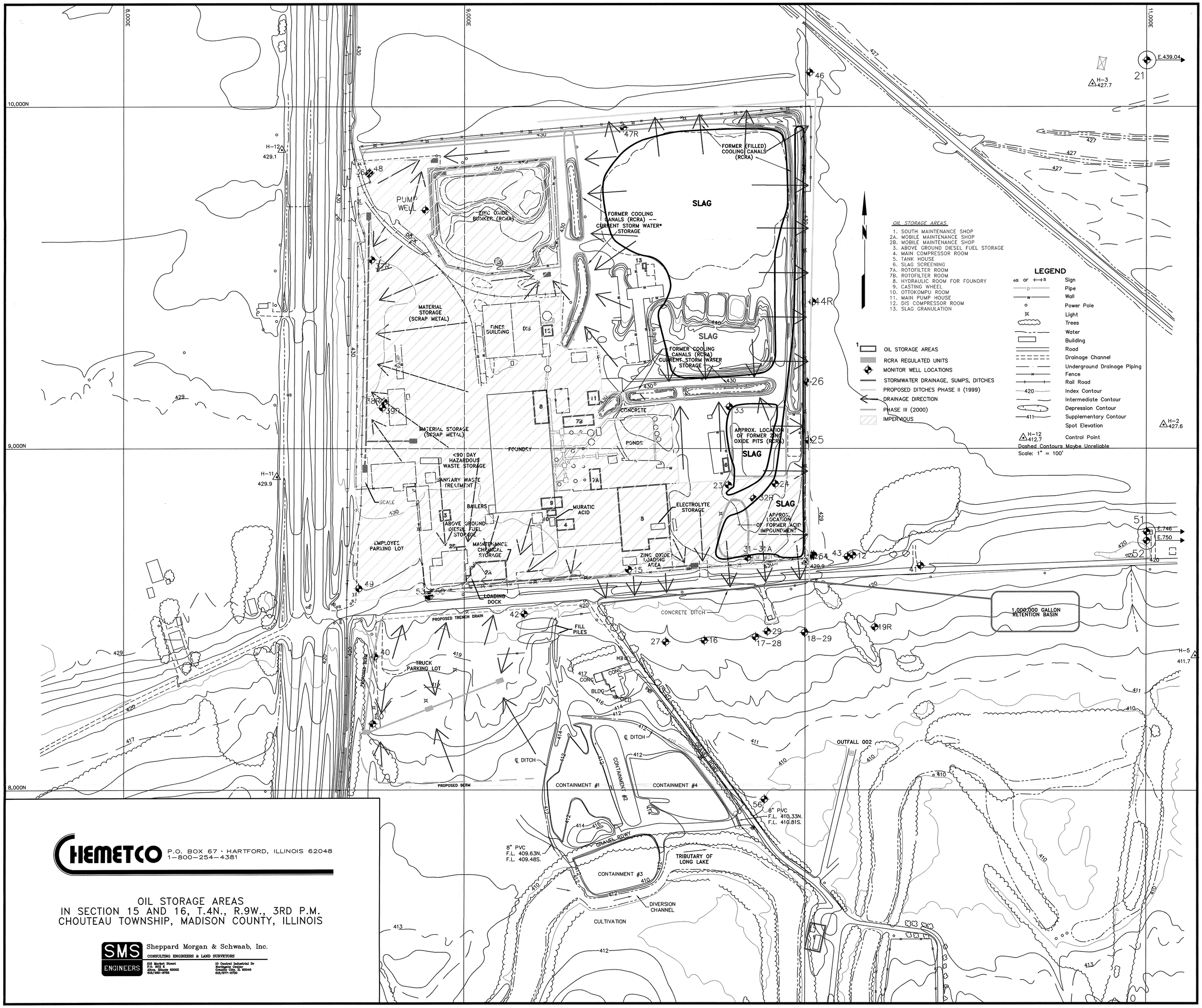


Building Legend:

Bldg No.	Description
1	Foundry
2	Tank House
3	Dome Bldg.
4	DIS Bldg.
5	Fines Bldg.
6	Granulation Plt.
7	Receiving Bldg.
8	Laboratory
9	Commercial Offices
10	Plant Offices
11	Mobile Shop/ Parts Storage
12	Brick Shop/ MFC Pilot Plant
13	Roof Baghouse
14	Air Pollution System
15	Polishing Pits
16	Stormwater Basin, 1 M gallons

Note:
Black Hatching Indicates Slag Stockpiles & Slag Covered Surfaces

Figure 2
Map of the Facility
Revised 1-30-08



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OIL STORAGE AREAS
IN SECTION 15 AND 16, T.4N., R.9W., 3RD P.M.
CHOUTEAU TOWNSHIP, MADISON COUNTY, ILLINOIS

SMS ENGINEERS
Sheppard Morgan & Schwaab, Inc.
CONSULTING ENGINEERS & LAND SURVEYORS
215 Market Street P.O. BOX 2 Alton, Illinois 62002 618/462-9755
10 Central Industrial Dr Northgate Center Granite City, IL 62040 618/877-6700

C:\Drawing\HARTFORD\CHEMETCO\Oil-stor.dwg Wed Mar 01 12:38:55 2000

8,000E

9,000E

11,000E

10,000N

9,000N

8,000N

E.439.04

H-3
427.7

H-12
429.1

H-11
429.9

H-2
427.6

H-5
411.7

E.746

E.750

OIL STORAGE AREAS

1. SOUTH MAINTENANCE SHOP
2A. MOBILE MAINTENANCE SHOP
2B. MOBILE MAINTENANCE SHOP
3. ABOVE GROUND DIESEL FUEL STORAGE
4. MAIN COMPRESSOR ROOM
5. TANK HOUSE
6. SLAG SCREENING
7A. ROTOFILTER ROOM
7B. ROTOFILTER ROOM
8. HYDRAULIC ROOM FOR FOUNDRY
9. CASTING WHEEL
10. OTTOKOMPU ROOM
11. MAIN PUMP HOUSE
12. DIS COMPRESSOR ROOM
13. SLAG GRANULATION

MONITOR WELL LOCATIONS
STORMWATER DRAINAGE, SUMPS, DITCHES
PHASE II DITCHES (1999)
DRAINAGE DIRECTION
PHASE III
IMPERVIOUS

LEGEND

- Sign
- Pipe
- Wall
- Power Pole
- Light
- Trees
- Water
- Building
- Road
- Drainage Channel
- Underground Drainage Piping
- Fence
- Rail Road
- Index Contour
- Intermediate Contour
- Depression Contour
- Supplementary Contour
- Spot Elevation
- Control Point

H-12 412.7

Dashed Contours Maybe Unreliable

Scale: 1" = 100'

PUMP WELL

BERM

SLAG

FINES BUILDING

DIS

CONCRETE

MATERIAL STORAGE (SCRAP METAL)

FOUNDRY

PONDS

<90 DAY HAZARDOUS WASTE STORAGE

SANITARY WASTE TREATMENT

SCALE

BAILERS

MURATIC ACID

ELECTROLYTE STORAGE

ABOVE GROUND DIESEL FUEL STORAGE

MAINTENANCE CHEMICAL STORAGE

EMPLOYEE PARKING LOT

LOADING DOCK

PROPOSED TRENCH DRAIN

FILL PILES

CONCRETE DITCH

TRUCK PARKING LOT

MB

CONC

BLDG

℄ DITCH

PROPOSED BERM

CONTAINMENT #1

CONTAINMENT #2

CONTAINMENT #3

CONTAINMENT #4

GRAVEL RDWY

8" PVC
F.L. 409.63N.
F.L. 409.48S.

8" PVC
F.L. 410.33N.
F.L. 410.81S.

TRIBUTARY OF LONG LAKE

DIVERSION CHANNEL

CULTIVATION

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STORM WATER MANAGEMENT MAP
IN SECTION 15 AND 16, T.4N., R.9W., 3RD P.M.
CHOUTEAU TOWNSHIP, MADISON COUNTY, ILLINOIS

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Granite City, IL 62040
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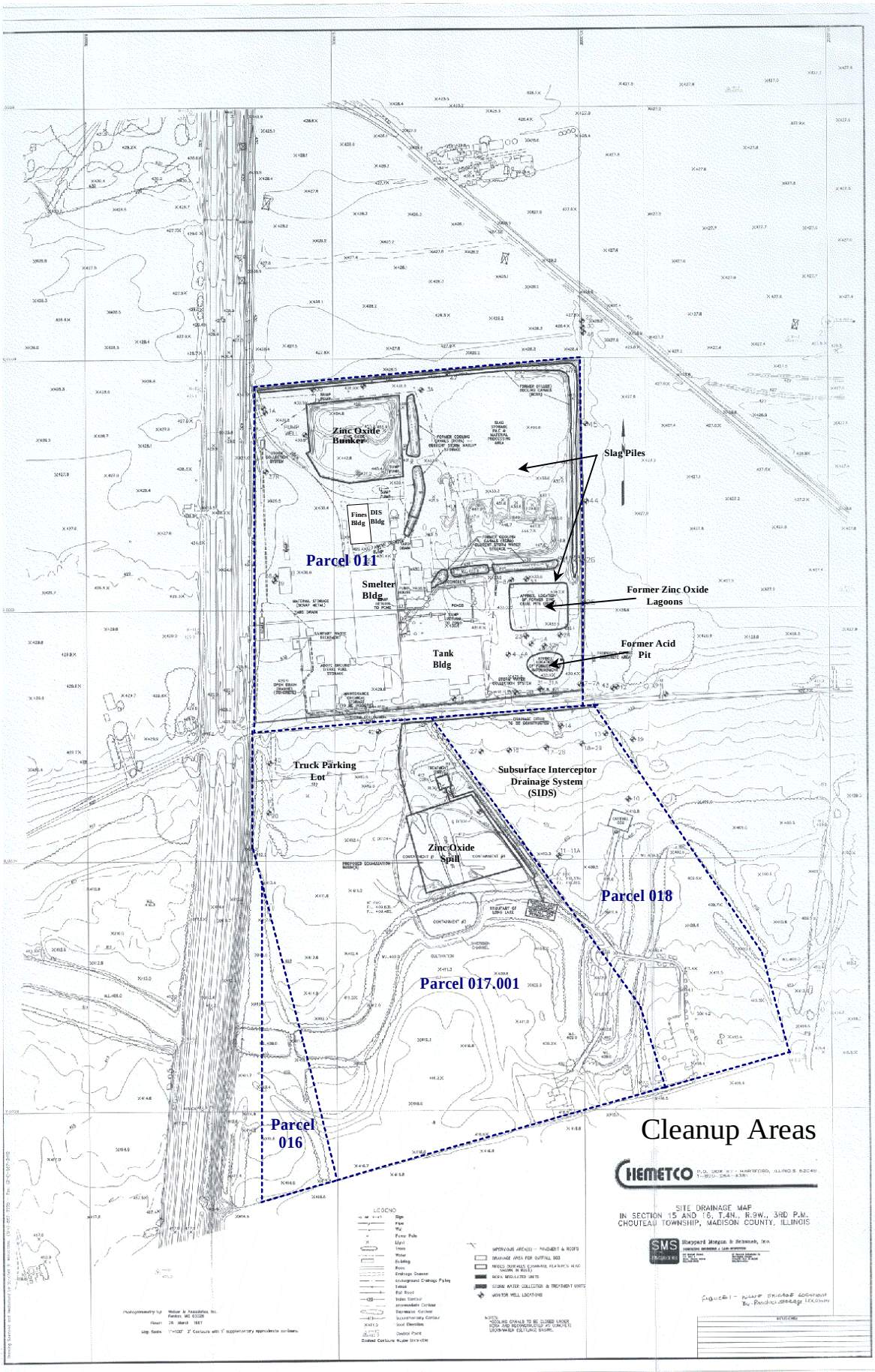
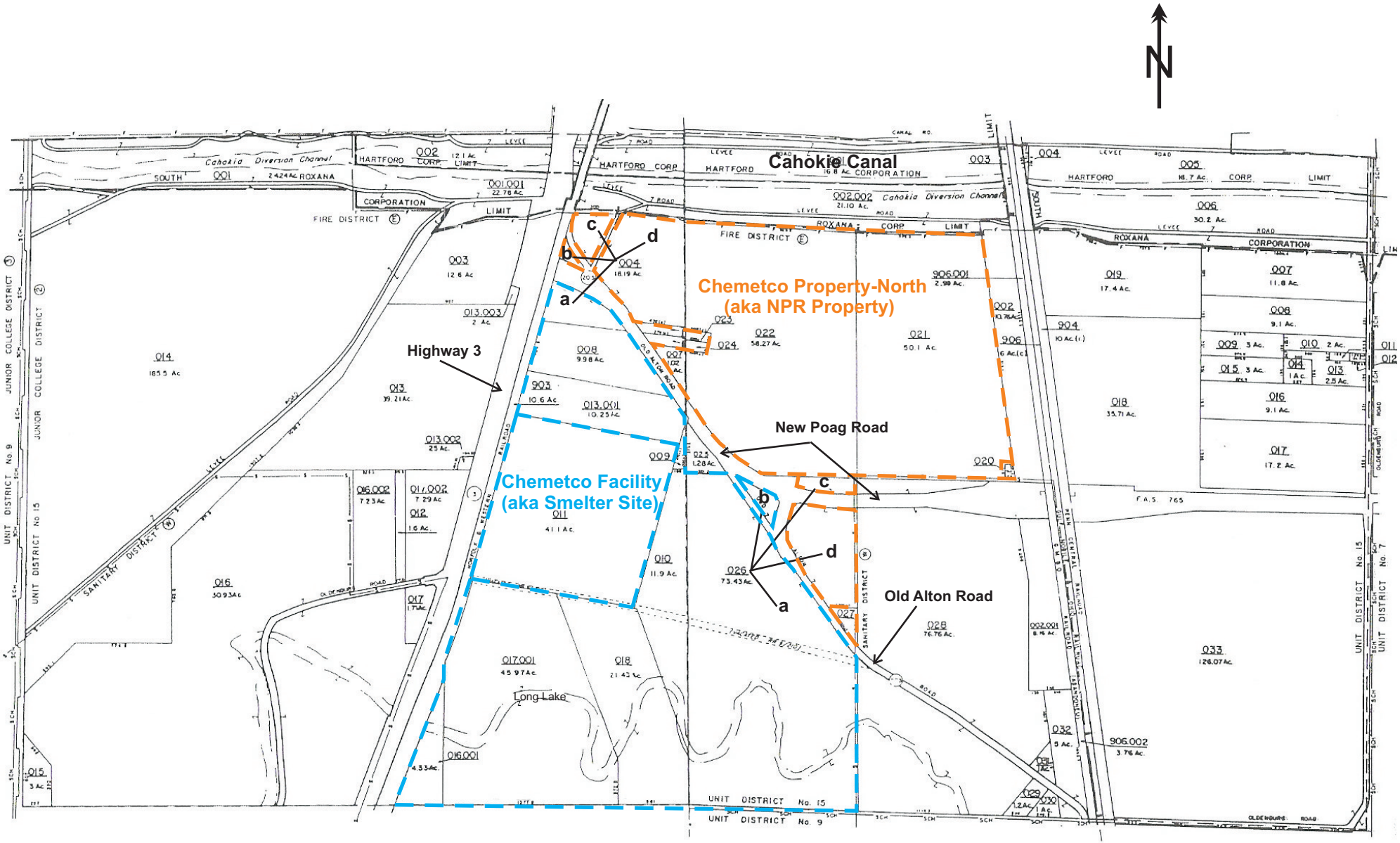

Zinc Oxide Bunker
Slag Piles
Fines Bldg
DIS Bldg
Parcel 011
Smelter Bldg
Former Zinc Oxide Lagoons
Former Acid Pit
Tank Bldg
Truck Parking Lot
Subsurface Interceptor Drainage System (SIDS)
Zinc Oxide Spill
Parcel 018
Parcel 017.001
Parcel 016
Cleanup Areas
CHEMETCO
SITE DRAINAGE MAP
IN SECTION 15 AND 16, T.4N., R.9W., 3RD P.M.
CHOUTEAU TOWNSHIP, MADISON COUNTY, ILLINOIS
SMS
Sheppard Morgan & Schmidt, Inc.
LEGEND

Estate of Chemetco, Inc. Property Map

Chemetco Facility (aka Smelter Site)

North of Poag Road (aka NPR Property)

(revised 3-1-2010)



Surdex Chemetco Aerial - 2003

CHEMETCO

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SITE DRAINAGE MAP
IN SECTION 15 AND 16, T.4N., R.9W., 3RD P.M.
CHOUTEAU TOWNSHIP, MADISON COUNTY, ILLINOIS

SMS ENGINEERS
Sheppard Morgan & Schwaab, Inc.
CONSULTING ENGINEERS & LAND SURVEYORS

FIGURE 1 - WASTE STORAGE LOCATIONS
By-Product storage Locations

REVISIONS:

Photogrammetry by: Walker & Associates, Inc.
Fenton, MO 63026
Flown: 28 March 1987
Map Scale: 1"=100' 2' Contours with 1' supplementary approximate contours.

LEGEND

- Sign
- Pipe
- Wall
- Power Pole
- Light
- Trees
- Water
- Building
- Road
- Drainage Channel
- Underground Drainage Piping
- Fence
- Rail Road
- Index Contour
- Intermediate Contour
- Depression Contour
- Supplementary Contour
- ×417.5 Spot Elevation
- Control Point

Dashed Contours Maybe Unreliable

- IMPERVIOUS AREA(S) - PAVEMENT & ROOFS
- DRAINAGE AREA FOR OUTFALL 003
- NPDES OUTFALLS (DRAINAGE FEATURES ALSO SHOWN IN BLUE)
- RCRA REGULATED UNITS
- STORM WATER COLLECTION & TREATMENT UNITS
- MONITOR WELL LOCATIONS

NOTES:
*COOLING CANALS TO BE CLOSED UNDER RCRA AND RECONSTRUCTED AS CONCRETE STORMWATER (SETTLING) BASINS.