CELL 6

CELL 4

CELL 7

CELL 5

AREA 3

HOT SPOT CELL

CELL 1,2,3

EQUALIZATION BASIN

13,056,500 E

13,057,000 E

13,057,500 E

13,058,000 E

13,058,500 E

697,500 N

697,000 N

696,500 N

N

0 80 160 240

Scale In Feet

FLOW

PINE RIVER

INTAKE

PUMP HOUSE 414

POND

SEWER

WELL #3

WELL #13

SEWERS

CALCIUM CHLORIDE TANK 505

COMP. HOUSE

PUMP HOUSE 104

LIME TREATMENT

ACID STORAGE TANKS

MONOCHLORO BENZENE RECOVERY

FLUME

CHLORINATORS

REFRIGERATING BUILDING

LOADING PLATFORM

PAN HOUSE

SALT WAREHOUSE 101

SALT WAREHOUSE 102

BOILER HOUSE 501

TURBINE ROOM & POWER HOUSE

WAREHOUSE 206

D.D.T. PLANT 213

D.D.T. SALVAGE

3" WATER

CESSPOOL

BURNT DOLOMITE STORAGE TANK

CLASSIFIER & BALL MILL HOUSE

COOLING TOWER

BITTERN

OIL STORAGE

DOLOMITE KILN

M.G.O. KILN

OPERATING HOUSE

CARBONATING BUILDING

DOLOMITE FEED TANK

DOLOMITE STORAGE BIN ELEVATOR

OVERHEAD STEAM, AIR & GAS LINES

12" FUEL

4" STEAM

PIPE SHED 512

BRINE

METHYL BROMIDE PLANT 304

HYDRO BROM. PLANT

BROMINE PLANT 303

BROMINE WAREHOUSE 301

BROMINE WARE HOUSE 302

BROMIDES

BRINE TANK

PUMP HOUSE 107

8" SEWER

12" SEWER

D.D.T LIQUID BUILDING 207

ACID TANK

ALCOHOL TANK

BENZEN TANK

4" SEWER

SWITCH HOUSE

MAIN OFFICE 504

RESEARCH LAB 505

515 BOILER HOUSE

WATER TREATMENT

WATER STORAGE

FILTER HOUSE

WASHING THICKENERS

LAB 409

LIME HOUSE

SETTLING TANK B 418

P.H.

PUMP HOUSE 415

THICKENER 419

STORAGE HOUSE 514

BRICK SHED 513

CARBONATING TANKS

TANK 413

WARE HOUSE 412

CALCINERS

STORM ROOM 511

CALCIUM CHLORIDE TANK 113

OFFICE

LOADING STAND

MAINTENANCE BUILDING 505

CITY WATER

GAS

GAS METER HOUSE

ORGANIC BUILDING 305

RACK

SHED 510

TOOL HOUSE 509

ENGINEERING 508

TIME CLOCK HOUSE 507

BANKSON STREET

NORTH STREET

WATER STREET

SWITCH HOUSE

WASH HOUSE

COMPRESSOR HOUSE

DIESEL FUEL OIL 232

COMPRESSOR BUILDING

209

AGRICULTURAL D.D.T. DUST BUILDING

CENTER STREET

POOL

figure_1-02_smi.dgn

NOTES:

1. BASE MAP PROVIDED BY WESTON SOLUTIONS OF DETROIT, MICHIGAN
2. LAND SURVEY ELEVATIONS WERE REFERENCED TO NAVD OF 1988 FEET MSL. THE HORIZONTAL LOCATIONS WERE REFERENCED TO THE MICHIGAN STATE PLANE COORDINATE SYSTEM NAD83, INTERNATIONAL FEET - SOUTH (2113) ZONE.
3. SOURCE OF INFORMATION IS THE MICHIGAN CHEMICAL CORPORATION PLANT LAYOUT DRAWING NO. 597 (25-040-D) DATED 7-1-1944 AND REVISED 11-21-1947, 6-22-1948 AND 2-20-1950.
4. THREE DIGIT NUMBERS FOR STRUCTURES WERE RECORDED ON THE ORIGINAL DRAWING. THE GENERAL LEGEND FROM THE DRAWING IS ALSO SHOWN HERE.
5. SMI - SOURCE MIGRATION INVESTIGATION

LEGEND FOR DEPARTMENTS

DEPARTMENT	NO.	TANKS & BUILDINGS
SALT	1	101-199
D.D.T.	2	201-299
BROMINE	3	301-399
M.G.O.	4	401-499
ENG./STEAM/ POWER/MISC	5	501-599

LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- FORMER RAILROAD SPUR
- FORMER ABOVE-GROUND UTILITY
- FORMER SUBSURFACE UTILITY
- 1950 SHORELINE

FIGURE 1-2
1950 MICHIGAN CHEMICAL COMPANY SITE STRUCTURES

SMI DATA EVALUATION REPORT

VELSICOL / PINE RIVER SITE
ST. LOUIS, MICHIGAN

CH2MHILL