

## Remedial Projects

### GE Hudson Falls and Fort Edward Plant Sites

#### *Division of Environmental Remediation*

- *Background*
- *Scope*
- *Status*



# GE Hudson Falls Plant Site

- *Record of Decision issued March 2004*
- *Soils remedy and groundwater remedy*
- *Groundwater remedy being done under existing Order on Consent (1997)*
- *New Order on Consent issued for soils remedial design in August 2005*

# GE HF Soils Remedial Design

- *Soils remedial design program - one year into a four year program*
- *Supplemental Data Collection /  
Compartment Determination*
- *Development of Site Specific Soil Cleanup Levels*
- *Technology Assessment and Testing*
- *Basis of Design / Final Design Reports*

# GE HF Soils Remedial Design Status

- *Supplemental Data Collection activities underway*
- *Final Remedial Design Reports for Compartments 1 and 3 – March 2007*

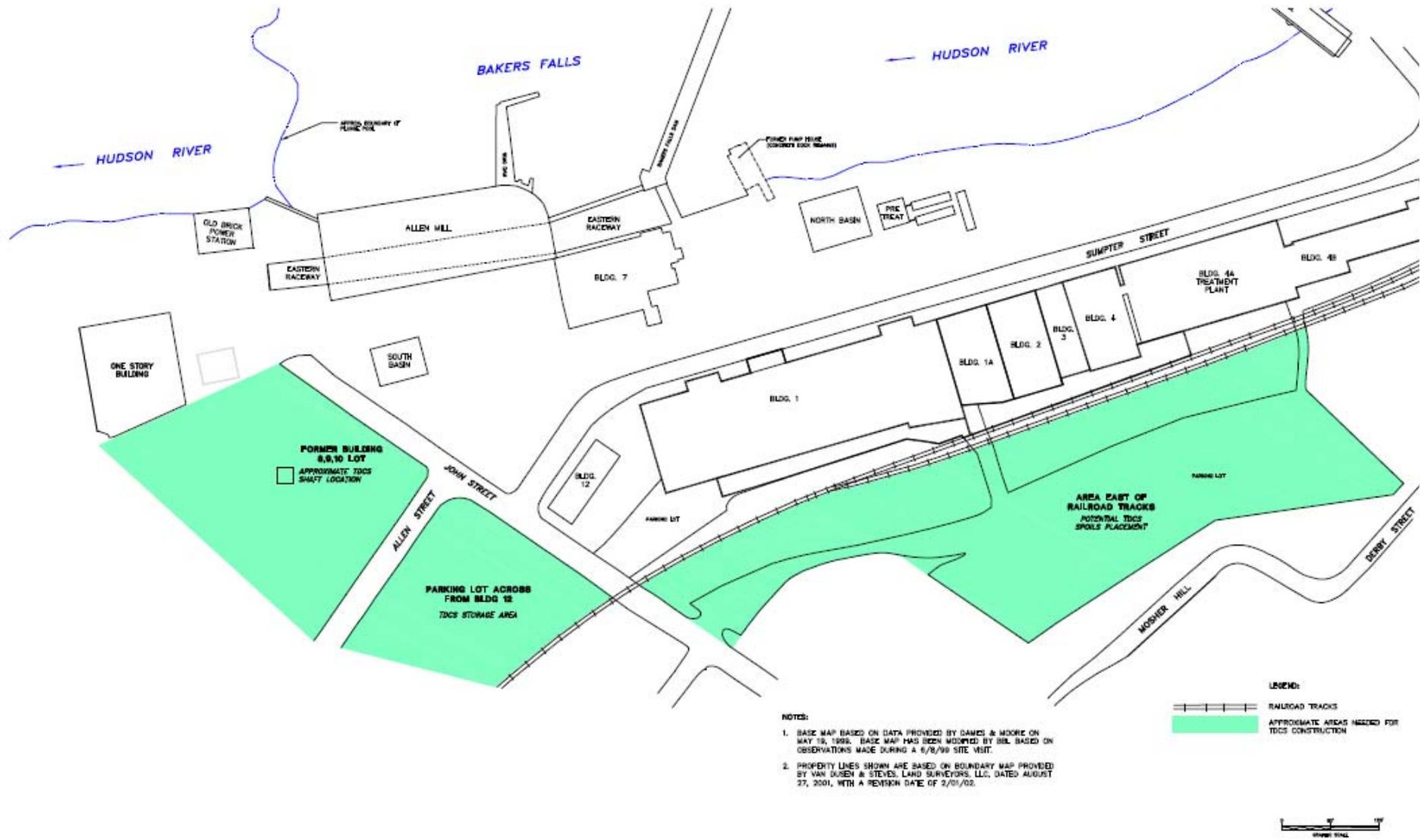
# GE HF Groundwater Remedy

- *Enhancement of existing site groundwater and oil recovery system*
- *Construction and operation of tunnel drain collection system (TDCS)*
- *Expansion of site wastewater treatment plant*

# GE HF Groundwater Remedy Status

- *Wastewater treatment plant expansion design approved; work begun*
- *TDCS design approved; some modifications proposed*
- *Compartment 1 and 3 soils remediation accelerated (late spring / early summer 2007) to allow for construction access*
- *TDCS construction start summer 2007; approximately two years to complete*

Figure 1





# GE Fort Edward Plant Site

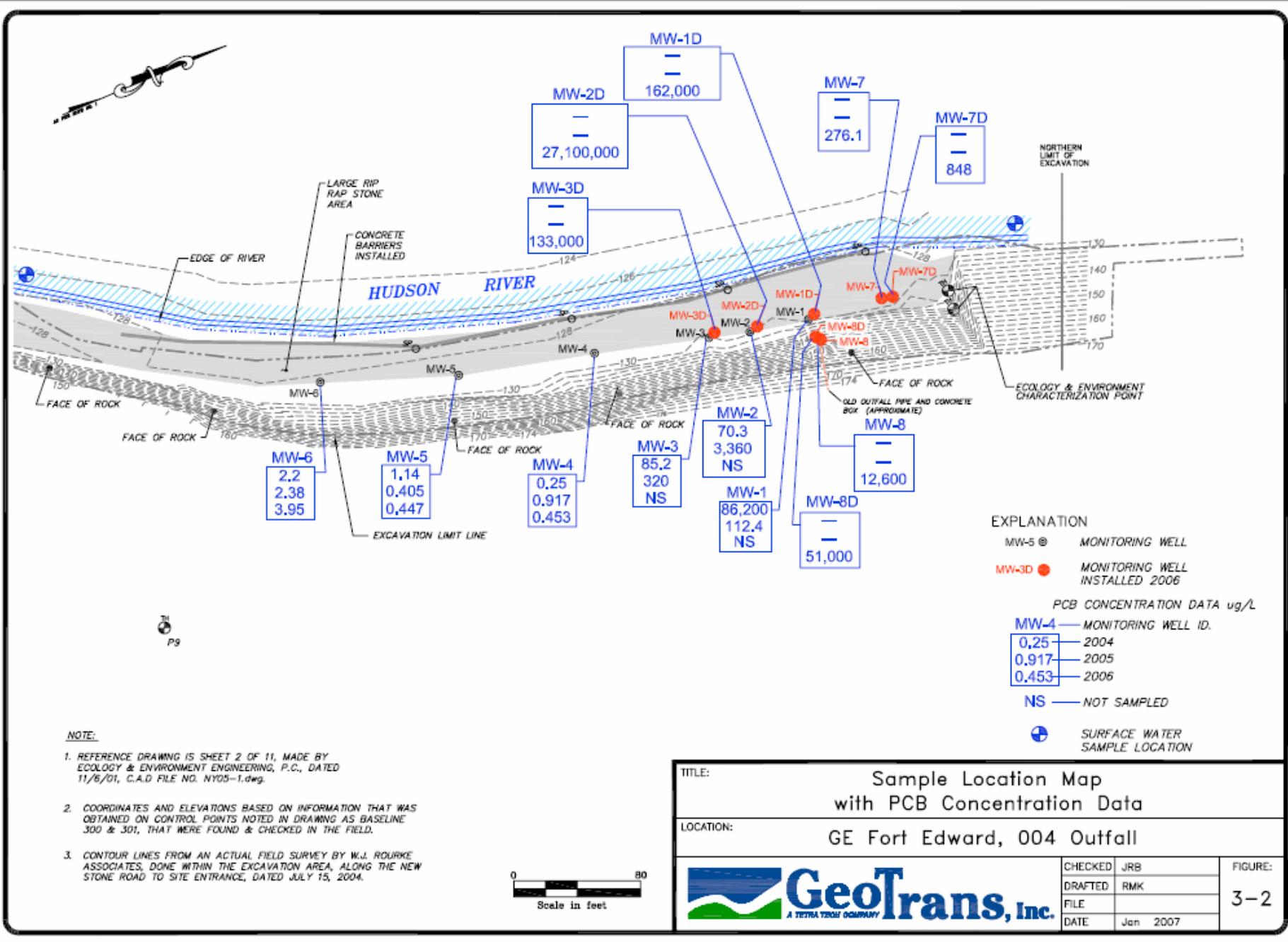
- *Record of Decision issued in 2000*
- *Operable Unit 4 remedy – excavation and removal of soils / sediments along the riverbank in the vicinity of the former 004 outfall*
- *Operable Unit 4 remedy implemented in 2003-04 by NYSDEC*

# GE Fort Edward Plant Site

- *Bedrock PCB oil seeps observed during removals in 2003-2004*
- *NYSDEC installed shallow wells in late 2003*
- *Monitoring indicated presence of PCB oil in shallow bedrock*
- *Order issued to GE in 2005 for further investigation*

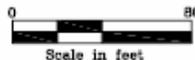
# GE Fort Edward - Status

- *GE installed additional bedrock monitoring wells and conducted surface water sampling in 2006*
- *PCB oil found at depth in vicinity of former outfall*
- *Further investigation needed; GE proposing additional monitoring well installation and sampling for 2007*



**NOTE:**

1. REFERENCE DRAWING IS SHEET 2 OF 11, MADE BY ECOLOGY & ENVIRONMENT ENGINEERING, P.C., DATED 11/6/01, C.A.D FILE NO. NY05-1.dwg.
2. COORDINATES AND ELEVATIONS BASED ON INFORMATION THAT WAS OBTAINED ON CONTROL POINTS NOTED IN DRAWING AS BASELINE 300 & 301, THAT WERE FOUND & CHECKED IN THE FIELD.
3. CONTOUR LINES FROM AN ACTUAL FIELD SURVEY BY W.J. ROURKE ASSOCIATES, DONE WITHIN THE EXCAVATION AREA, ALONG THE NEW STONE ROAD TO SITE ENTRANCE, DATED JULY 15, 2004.





## Remedial Investigation / Feasibility Study Projects

### Hudson River Upland Dredge Spoil Disposal Areas

#### *Division of Environmental Remediation*

- *Background*
- *Scope*
- *Status*

## Remedial Investigation / Feasibility Study Projects

### Hudson River Upland Dredge Spoil Disposal Areas

- *442033 Newland Island (Lock 4),*
- *546040 Old Moreau Dredge Spoil Area,*
- *546041 Special Area 13,*
- *546042 Moreau Dredge Spoil Disposal Site,*
- *558018 Buoy 212, and*
- *558028 Site 518.*

*546040 Old Moreau Dredge Spoil Area*  
*546042 Moreau Dredge Spoil Disposal Site*



*546041 Special Area 13 (Dredge Spoil Disposal Area)*



*558028 Site 518 (Dredge Spoil Disposal Area)*



*558018 Buoy 212 (Dredge Spoil Disposal Area)*



*442033 Newland Island (Lock 4 Dredge Spoil Disposal Area)*



## Remedial Investigation / Feasibility Study Projects

### Hudson River Upland Dredge Spoil Disposal Areas

#### Project Scopes:

*The scope of each Remedial Investigation incorporates various remedial program elements to evaluate the existing conditions at, and in the vicinity of each Upland Dredge Disposal Area and to define the nature and degree of any identified contamination within, and as a consequence of those disposal areas. Based on the information gathered during each Remedial Investigation, applicable remedial alternatives will be developed and evaluated in the associated Feasibility Studies.*

## Remedial Investigation / Feasibility Study Projects

### Hudson River Upland Dredge Spoil Disposal Areas

#### Project Status:

- *Remedial investigation work began in 2005.*
- *The initial field work to characterize each of these sites is complete.*
- *The overall groundwater monitoring program for each site is complete.*
- *Draft Remedial Investigation Reports are being generated.*
- *Draft Feasibility Study Reports are being generated.*

#### On the Horizon:

- *Finalize Remedial Investigation Reports.*
- *Public Outreach.*
- *Develop applicable remedial alternatives and finalize FS Reports. (Late 2007)*
- *Public Outreach.*

Questions/Comments