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| For Office Use Only Executive Office of Environmental Affairs | |
| EOEA No.: | <u>14.363</u> |
| MEPA Analyst: | <u>Holly Johnson</u> |
| Phone: | 617-626- <u>1623</u> |

ENF Environmental Notification Form

The information requested on this form must be completed to begin MEPA Review in accordance with the provisions of the Massachusetts Environmental Policy Act, 301 CMR 11.00.

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|--|---|---|
| Project Name: <u>COMBINED DPW FACILITY REMEDIATION</u> | | |
| Street: <u>185 GUELPHWOOD ROAD</u> | | |
| Municipality: <u>SOUTHBRIDGE</u> | Watershed: <u>GUINEBAUG RIVER</u> | |
| Universal Transverse Mercator Coordinates: | Latitude: <u>42°05'03" N</u> | Longitude: <u>72°01'15" W</u> |
| Estimated commencement date: <u>6/15/2009</u> | Estimated completion date: <u>7/31/2010</u> | |
| Approximate cost: <u>\$2,795,000</u> | Status of project design: <u>50 %complete</u> | |
| Proponent: <u>TOWN OF SOUTHBRIDGE, MA</u> | | |
| Street: <u>41 ELM STREET</u> | | |
| Municipality: <u>SOUTHBRIDGE</u> | State: <u>MA</u> | Zip Code: <u>01550</u> |
| Name of Contact Person From Whom Copies of this ENF May Be Obtained: <u>CHRISTOPHER CLARK</u> | | |
| Firm/Agency: <u>SOUTHBRIDGE MA</u> | Street: <u>41 ELM STREET</u> | |
| Municipality: <u>SOUTHBRIDGE</u> | State: <u>MA</u> | Zip Code: <u>01550</u> |
| Phone: <u>508-764-5405</u> | Fax: <u>508-764-5425</u> | E-mail: <u>CCLARK@SouthbridgeMA.org</u> |

Does this project meet or exceed a mandatory EIR threshold (see 301 CMR 11.03)?

Yes No

Has this project been filed with MEPA before?

Yes (EOEA No. _____) No

Has any project on this site been filed with MEPA before?

Yes (EOEA No. _____) No

Is this an Expanded ENF (see 301 CMR 11.05(7)) requesting:

- a Single EIR? (see 301 CMR 11.08(8)) Yes No
- a Special Review Procedure? (see 301 CMR 11.09) Yes No
- a Waiver of mandatory EIR? (see 301 CMR 11.11) Yes No
- a Phase I Waiver? (see 301 CMR 11.11) Yes No

Identify any financial assistance or land transfer from an agency of the Commonwealth, including the agency name and the amount of funding or land area (in acres):

MA STATE REVOLVING FUNDS - CLEAN WATER - MADEP - \$2,455,000

Are you requesting coordinated review with any other federal, state, regional, or local agency?

Yes (Specify _____) No

List Local or Federal Permits and Approvals: See page 2

Which ENF or EIR review threshold(s) does the project meet or exceed (see 301 CMR 11.03):

- Land
- Water
- Energy
- ACEC
- Rare Species
- Wastewater
- Air
- Regulations
- Wetlands, Waterways, & Tidelands
- Transportation
- Solid & Hazardous Waste
- Historical & Archaeological Resources

| Summary of Project Size & Environmental Impacts | Existing | Change | Total | State Permits & Approvals |
|--|----------|--------|--------|--|
| LAND | | | | <input checked="" type="checkbox"/> Order of Conditions <input type="checkbox"/> Superseding Order of Conditions <input type="checkbox"/> Chapter 91 License <input checked="" type="checkbox"/> 401 Water Quality Certification <input type="checkbox"/> MHD or MDC Access Permit <input type="checkbox"/> Water Management Act Permit <input type="checkbox"/> New Source Approval <input type="checkbox"/> DEP or MWRA Sewer Connection/Extension Permit <input checked="" type="checkbox"/> Other Permits <i>(including Legislative Approvals) – Specify:</i> |
| Total site acreage | 17.0 | | | |
| New acres of land altered | | 6.35 | | |
| Acres of impervious area | 1.55 | 4.7 | 6.25 | |
| Square feet of new bordering vegetated wetlands alteration | | 8,000 | | |
| Square feet of new other wetland alteration | | 64,000 | | |
| Acres of new non-water dependent use of tidelands or waterways | | 0 | | |
| STRUCTURES | | | | |
| Gross square footage SF | 66,000 | 0 | 66,000 | <input checked="" type="checkbox"/> STORMWATER CONSTRUCTION GENERAL PERMIT (EPA) <input checked="" type="checkbox"/> REMEDIATION NJE + SW PERMIT (EPA) <input checked="" type="checkbox"/> ACOE Section 404 PERMIT |
| Number of housing units | 0 | 0 | 0 | |
| Maximum height (in feet) | | 0 | | |
| TRANSPORTATION | | | | |
| Vehicle trips per day | | 0 | | |
| Parking spaces | | 0 | | |
| WATER/WASTEWATER | | | | |
| Gallons/day (GPD) of water use | | 0 | | |
| GPD water withdrawal | | 0 | | |
| GPD wastewater generation/treatment | | 0 | | |
| Length of water/sewer mains (in miles) | | 0 | | |

CONSERVATION LAND: Will the project involve the conversion of public parkland or other Article 97 public natural resources to any purpose not in accordance with Article 97?

Yes (Specify _____) No

Will it involve the release of any conservation restriction, preservation restriction, agricultural preservation restriction, or watershed preservation restriction?

Yes (Specify _____) No

RARE SPECIES: Does the project site include Estimated Habitat of Rare Species, Vernal Pools, Priority Sites of Rare Species, or Exemplary Natural Communities?

Yes (Specify _____) No

HISTORICAL /ARCHAEOLOGICAL RESOURCES: Does the project site include any structure, site or district listed in the State Register of Historic Place or the inventory of Historic and Archaeological Assets of the Commonwealth?

Yes (Specify _____) No

If yes, does the project involve any demolition or destruction of any listed or inventoried historic or archaeological resources?

Yes (Specify _____) No

AREAS OF CRITICAL ENVIRONMENTAL CONCERN: Is the project in or adjacent to an Area of Critical Environmental Concern?

Yes (Specify _____) No

PROJECT DESCRIPTION: The project description should include (a) a description of the project site, (b) a description of both on-site and off-site alternatives and the impacts associated with each alternative, and (c) potential on-site and off-site mitigation measures for each alternative (You may attach one additional page, if necessary.)

The property located at 185 Guelphwood Road in Southbridge, Massachusetts was acquired in 2003 by the Town of Southbridge which is redeveloping the property as a multi-use municipal building. Among other uses, the building is the new location for the Department of Public Works (DPW) which is consolidating all DPW operations into this facility. Phase I of the redevelopment project has been the renovation of the existing 66,000 SF building, the cleanup of contaminated soil on the northern portion of the property around the building (Phase I area), and the addition of support facilities for DPW operations. Phase II of the redevelopment will include removal of PCB-contaminated soil from the southern portion of the property (Phase II area); removal of contaminated sediment from the 1.3 acre Cotton Pond, a man-made flow-through pond on the property; construction of a stormwater detention pond; installation of stormwater catch basins, drainage channels, and piping in the Phase I and Phase II areas; and construction of an asphalt pavement over the Phase I and Phase II areas to facilitate the management of stormwater and prevent stormwater contamination by eliminating contact with contaminated soil.

Site Waterways:

An unnamed brook flows from north to south through the Town's property but west of the developed 10 acre parcel. The brook flows through a 2 ft x 2 ft box culvert just north of Cotton Pond, through the pond and continues southeast under Guelphwood Road. Approximately 3,000 feet downstream of Cotton Pond the unnamed brook flows into the Quinebaug River.

There are no vernal pools at or in the vicinity of the project site. There are no rare or endangered species at or in the vicinity of the project site.

Site Conditions:

The area around the main DPW building is currently gravel. Development/remediation plans include paving most of the area around the building. Remediation plans also include construction of a TSCA cap over the southern portion of the site (south of the main building). This area is extensively contaminated primarily with PCBs. Remediation by capping will prevent migration of contaminated soil. A stormwater management system consisting of catch basins, manholes, drainage lines, and a detention basin will be constructed to manage stormwater runoff in accordance with Massachusetts Stormwater Standards.

Construction Methods and Sequence of Activities:

Pond will be temporarily dammed with a bypass line to pass normal flow and storm flow into the pond from an unnamed brook that flows into and out of the pond. The pond will be drained. Contaminated sediment will be excavated with bull dozers and/or excavators and pushed into stockpiles within the pond. Stockpiled sediments will be allowed to gravity dewater. Following a period of dewatering, sediment will be treated as necessary to complete dewatering. Dewatered sediment will be loaded into trucks with excavators and transported to the contaminated soil area adjacent to the pond where the sediment will be placed and graded. Contaminated bank soil and BVW will be excavated and placed in the contaminated soil area as well. Following grading and placement of subgrade, the entire contaminated area will be covered with 6 inches of asphalt to create a TSCA cap.

Approximately up to 400 feet of bank soil and BVW along the eastern shore of Cotton Pond will be disturbed to remove contaminated soil. Final area will be defined by sampling to determine the limits of excavation.

Based on prior sediment sampling in 2007, it is estimated that up to 75% of the Cotton Pond sediment may need to be excavated due to elevated contaminant concentrations. Supplemental sampling conducted prior to construct will define the limits of sediment excavation required to satisfy 310 CMR 40.0000 and TSCA.

Rationale For Providing No Other Alternatives:

Remediation is required to meet TSCA cleanup requirements and to satisfy the requirements of the MCP 310 CMR 40.0000; therefore, impacts are unavoidable. Measures will be implemented to install and enforce erosion and sediment control to minimize or avoid downstream impacts. Sampling will be conducted on the bank and BVW areas to delineate the limits of contamination and limit the area of disturbance of bank and BVW area. Work is planned for the winter months when ground is frozen to minimize impacts.