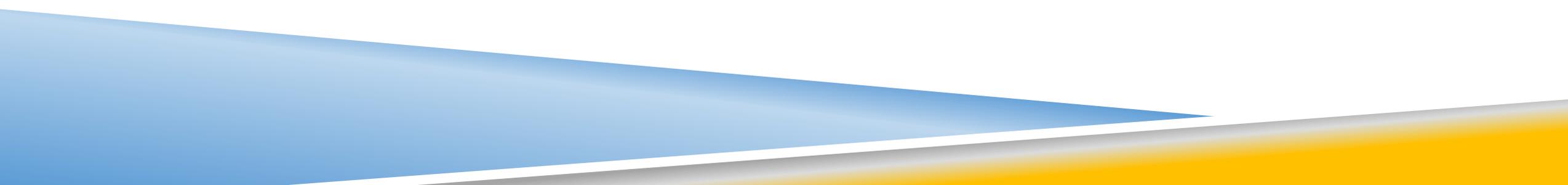
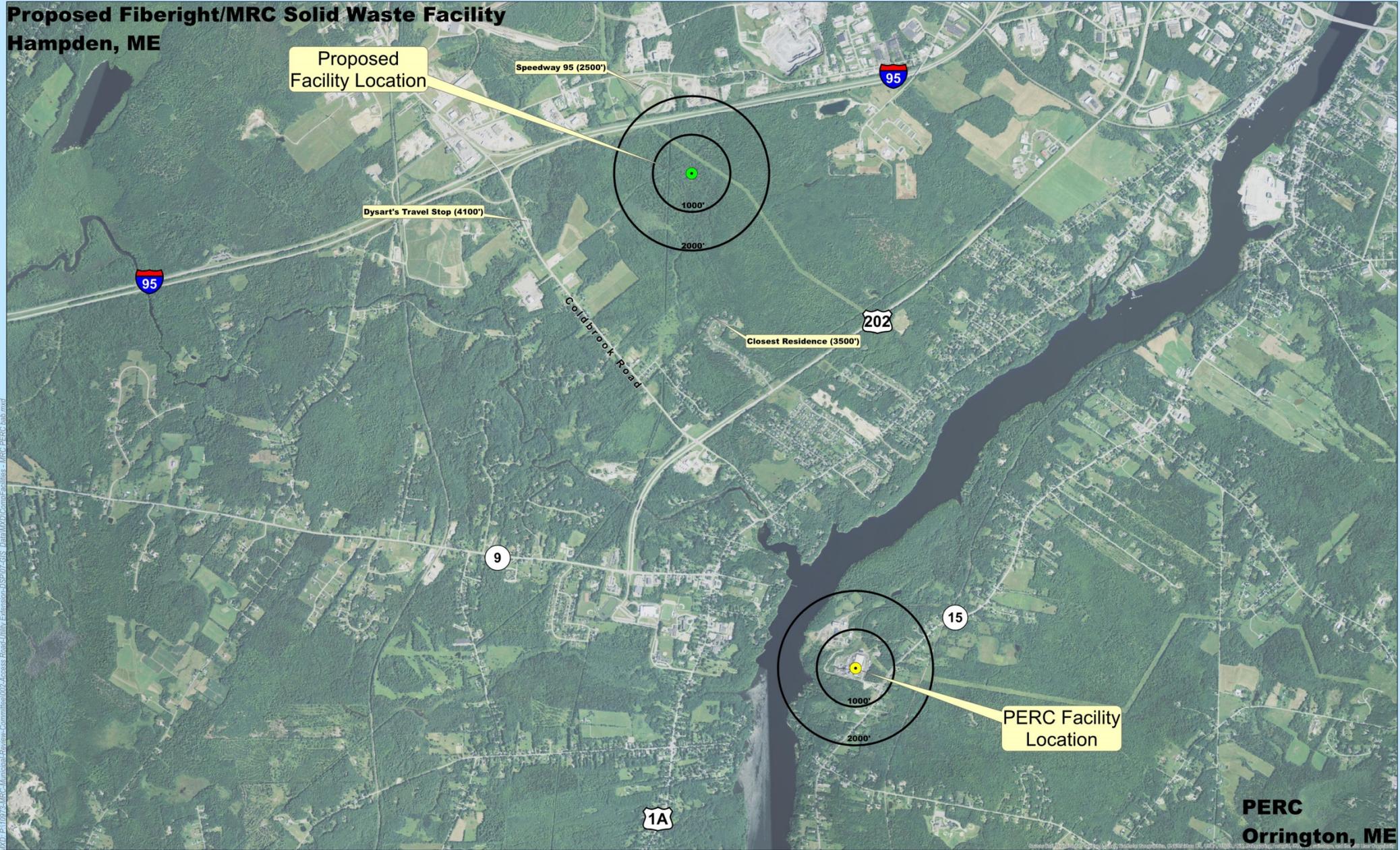


Minor Source Air License

- Minor Source
 - Fiberright Sources
 - Flare
 - Hybrid Thermal Oxidizer
 - Two Boilers – PHS as fuel
 - Odor Scrubbers
 - Controls for Boilers
 - Multi-Clone / Baghouse – PM
 - Selective Non-Catalytic Reduction – NO_x
 - Hydrated Lime Injection – Acid Gas, HCl, SO₂
 - Activated Carbon Injection - Mercury
- 

Comparable Maine MSW Facilities

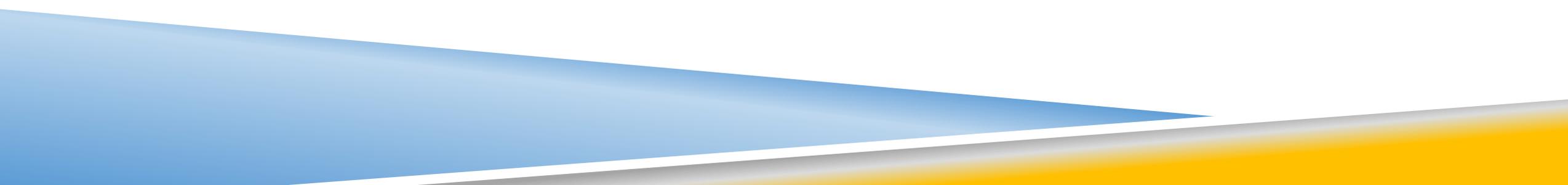
Proposed Fiberight/MRC Solid Waste Facility Hampden, ME



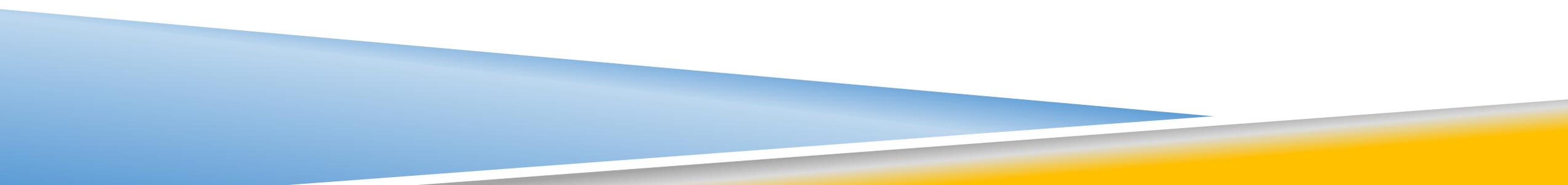
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PERC
Orrington, ME

ODOR CONTROLS

- Handle MSW Inside the Building
 - Limit Storage of Unprocessed MSW to two days
 - Use the Waste Management Plan discussed in the O&M to ensure MSW has low residence time
 - First in - First Out
 - Maintain Building Under Negative Pressure
 - Specifically located collection points
 - Ambient Building Air Collected and Treated
 - H₂S reduced by 99%
 - Ammonia reduced by 95%
 - Volatile Organic Carbons reduced by 99%
- 

ODOR CONTROLS (cont.)

- Daily Site Inspections for first 6 months then weekly
 - Weekly MDEP reports
 - Reporting and Response Protocol
 - Trucks
 - Limit Truck Queuing Time
 - Preferential Off-load for Odorous Trucks
 - Schedule Trucks that are typically Odorous
 - Covered until they are at the Scale House
 - Leaking or improperly maintained trucks will be warned, waste will not be accepted from repeat offenders
- 

FACILITY COMPARISON

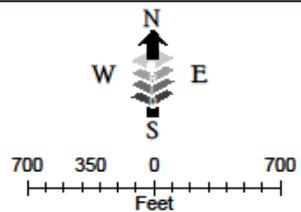
- ecomaine

- 170,000 ton/year
- 550 ton/day acceptance
- 2-3 days of MSW on tipping floor
- MSW receiving area under negative pressure
- Nearest Residence \approx 1,900 feet

- Fiberight

- 150,000 ton/year
- Average of 650 ton/day acceptance
- 2 days of MSW on tipping floor
- MSW receiving area under negative pressure
- Nearest Residence \approx 3,500 feet

Mitigation Plan



Legend

- Approximate Proposed Road Location
- Approximate Proposed Building Location
- Approximate Proposed Facility Property Boundary
- Parcels
- Town-owned Lands
- Conserved Lands
- National Wetlands Inventory (NWI)
- Streams



MAP NOTES:

- 1: SITE DATA DEVELOPED BY CES, INC., DECEMBER, 2015.
- 2: ABUTTING PARCEL DATA AND LOT NUMBERS COURTESY OF THE TOWN OF HAMPDEN. PARCEL IDs ARE MAP AND LOT NUMBERS POPULATED FROM THE DMAP LOT FIELD. ALL PARCEL BOUNDARIES SHOULD BE CONSIDERED APPROXIMATE. THIS MAP DOES NOT REPRESENT A SURVEY.
3. OWNERSHIP RECORD OF LOT 09-0-037 IS BASED OFF OF THE LATEST ASSESSMENT RECORD WHICH WAS UPDATED MORE RECENTLY THAN ARCHIVE GIS DATA RECORDS.
4. BASE MAPPING LAYERS ARE SERVER-BASED IMAGERY, TOPOGRAPHIC IMAGES, OR TERRAIN DEFINITIONS COURTESY OF ESRI. ACQUIRED OCT., 2014.
- 5: MAP IS PROJECTED USING THE UNIVERSAL TRANSVERSE MERCATOR (UTM) PROJECTION, ZONE 18 NORTH, METERS AND REFERENCES THE NORTH AMERICAN DATUM OF 1983 (NAD83).
- 6: NORTH ARROW IS REFERENCED TO GRID NORTH.
- 7: INTENDED FOR REFERENCE PURPOSES ONLY. THE MRC & CES, INC. AND THEIR AFFILIATES ARE NOT RESPONSIBLE FOR THE MISUSE OF THIS MAP OR DATA DEPICTED HEREIN. ALL AGREES ARE APPROXIMATE.



Municipal Review Committee
Project No.: 10973.002
Updated: 5/19/2016 (bbascom)

