New England ODMDS Joint EPA-USACE Monitoring Summary and Forecast - 07 March 2017

Site	Earlier Surveys	2014	2015	2016	Planned 2017	Potential 2018	Potential 2019	Potential 2020	Potential 2021	2022-2027
Western LIS	2005: full site bathy; 2004: partial site bathy and SPI	bathy - full site SPI/PV benthic biology	no monitoring	*SMMP revision; potential chem/tox transect	active area as needed + initiate chem/tox + survey reference areas	active area monitoring as needed + chem/tox follow up	active area monitoring as needed + chem/tox follow up	active area monitoring as needed + chem/tox follow up	active area monitoring as needed + chem/tox follow up	active area monitoring as needed; full site survey prior to SMMP revision
Central LIS	2011: active site area bathy and SPI; 2009: active site area bathy and SPI 2005: full site bathy	bathy - full site SPI/PV benthic biology	bathy over active area	*SMMP revision; bathy over active area + SPI/PV + chem/tox transect	active area as needed + follow up on chem/tox	active area as needed + follow up on chem/tox	active area as needed + follow up on chem/tox	active area as needed + follow up on chem/tox	active area as needed + follow up on chem/tox	active area monitoring as needed; full site survey prior to SMMP revision
Cornfield Shoals	2004: full site bathy	no monitoring	bathy over full site	site closed in December	**	**	**	**	**	**
New London	2010: coring at Seawolf mound 2006: 10 year post cap monitoring	no monitoring	bathy over full site	site closed in December	bathy following major storm	bathy following major storm	bathy following major storm	bathy following major storm	bathy following major storm	bathy following major storm
Eastern LIS	**	SEIS siting surveys	SEIS siting surveys	site designated	baseline bathy, SPI,sampling site + reference	active area as needed + follow up on chem/tox	active area as needed + follow up on chem/tox	active area as needed + follow up on chem/tox	active area as needed + follow up on chem/tox	active area monitoring as needed; full site survey prior to SMMP revision
Rhode Island Sound	2013: full site bathy, SPI, biology	no monitoring	bathy over active area	no monitoring	*SMMP revision; possible bathy over active area	active area monitoring as needed	active area monitoring as needed	active area monitoring as needed	active area monitoring as needed	active area monitoring as needed; full site survey prior to SMMP revision
Massachusetts Bay	2012: active site area bathy and SPI; 2007: active site area bathy and SPI	no monitoring	full bathy over planned expanded area + SPI/PV + ROV	no monitoring	monitoring as part of restoration placement	*SMMP revision; monitoring as part of restoration placement; full survey in support of SMMP revision	monitoring as part of restoration placement	active area monitoring as needed	active area monitoring as needed	active area monitoring as needed
Isles of Shoals North	2011: BOLD side-scan survey	no monitoring	bathy over potential site + SPI/PV	background fisheries surveys in support of EA	follow up monitoring with potential selection or designation	?	?	?	?	?
Portland	2007: full site bathy and SPI;	bathy - full site SPI/PV over recent areas + reference	no monitoring	full site: bathy, SPI, biology	*SMMP revision; active area as needed	active area monitoring as needed	active area monitoring as needed	active area monitoring as needed	active area monitoring as needed	active area monitoring as needed; full site survey prior to SMMP revision

Notes:
- "bathy" indicates full-bottom coverage multibeam bathymetry with backscatter and side-scan signals recorded
- sediment-profile imaging ("SPI") may include plan-view imaging if conditions allow
- "biology" indicates collection of sediment grabs for benthic community analysis
- "active area" indicates area(s) of the disposal site where placement has occurred since the previous survey and typically includes bathy and SPI
- darker shading indicates surveys funded all or in part by EPA
- lighter shading indicates surveys proposed for funding by EPA