

Bethpage Community Park Milestone Schedule\_leskovjan

ID	Task Name	Duration	Start	Finish	Predecessors
1	<b>Former Grumman Settling Ponds (OU3 - Bethpage Community Park) RI/FS</b>	<b>1656 days</b>	<b>Wed 7/14/04</b>	<b>Fri 12/10/10</b>	
2	Remedial Investigation (RI) - Phase 1	114 days	Wed 7/14/04	Fri 12/17/04	
3	RI - Phase 1A	35 days	Mon 12/20/04	Fri 2/4/05 2	
4	<b>RI - Phase 1B</b>	<b>18 days</b>	<b>Wed 6/1/05</b>	<b>Fri 6/24/05 3</b>	
6	<b>Consent Order for Remedial Investigation/Feasibility Study (RI/FS)</b>	<b>176 days</b>	<b>Mon 11/1/04</b>	<b>Mon 7/4/05</b>	
10	<b>RI/FS Work Plan &amp; Phase 1 RI Data Report</b>	<b>199 days</b>	<b>Mon 6/27/05</b>	<b>Thu 3/30/06</b>	
16	<b>Phase 2 RI (On-Site Soil &amp; Soil Gas, On- and Off-Site Groundwater)</b>	<b>198 days</b>	<b>Fri 1/27/06</b>	<b>Fri 11/3/06</b>	
20	<b>Phase 2 RI Work Plan Addenda</b>	<b>179 days</b>	<b>Tue 4/25/06</b>	<b>Wed 1/10/07</b>	
36	<b>Phase 2 RI Addenda Work Scope</b>	<b>290 days</b>	<b>Wed 4/26/06</b>	<b>Thu 6/14/07</b>	
45	<b>Phase 3 RI Work Plans</b>	<b>463 days</b>	<b>Wed 1/17/07</b>	<b>Tue 11/4/08 19FS-5 days</b>	
56	<b>Phase 3 RI - CPT Borings, Soil Borings, Piezometers, Monitoring Wells</b>	<b>753 days</b>	<b>Mon 12/11/06</b>	<b>Fri 11/13/09</b>	
57	<b>RI Work Scope (2006 to 2007)</b>	<b>138 days</b>	<b>Mon 12/11/06</b>	<b>Sun 6/24/07</b>	
64	<b>RI Work Scope (2008 to 2009)</b>	<b>445 days</b>	<b>Mon 2/25/08</b>	<b>Fri 11/13/09</b>	
65	Phase 3 RI VPBs and MW's (Group 2) (Off-Site)	112 days	Mon 2/25/08	Thu 7/31/08 49	
66	Phase 3 RI VPBs (Group 3) (Off-Site)	125 days	Wed 12/10/08	Fri 6/5/09 55FS+5 days	
67	New Monitoring Wells (4)	110 days	Mon 1/19/09	Fri 6/19/09	
68	Monitoring Well Groundwater Sampling (Round 1)	15 days	Mon 6/22/09	Fri 7/10/09 67	
69	Monitoring Well Groundwater Sampling (Round 2)	15 days	Mon 10/26/09	Fri 11/13/09 68FS+75 days	
70	<b>Preliminary Data Analysis in Support of Site Area RI Decisions</b>	<b>354 days</b>	<b>Mon 11/28/05</b>	<b>Mon 4/16/07</b>	
144	<b>Preliminary Data Analysis in Support of Off-Site RI Decisions</b>	<b>601 days</b>	<b>Mon 1/29/07</b>	<b>Mon 6/1/09</b>	
268	<b>Site Area RI Report</b>	<b>688 days</b>	<b>Mon 4/23/07</b>	<b>Wed 12/23/09</b>	
269	Data Evaluation, Prepare and Submit RI Report	204 days	Mon 4/23/07	Thu 2/7/08 70	
270	State Review and Comment	76 days	Thu 2/7/08	Thu 5/22/08 269	
271	Response to State Comments	15 days	Wed 8/6/08	Mon 8/25/08 270	
272	Prepare Supplement to Site Area RI Report/NG Comments/Submit to NYSDEC	93 days	Tue 8/26/08	Wed 1/7/09 271	
273	State Review and Comment on Site Area RI and HHRA	141 days	Thu 1/8/09	Thu 7/23/09 272	
274	Meeting to Discuss Comments	0 days	Thu 9/10/09	Thu 9/10/09 273	
275	Telecom w/ NYSDEC to Discuss RI Comments/Responses	0 days	Wed 9/30/09	Wed 9/30/09 274FS+15 days	
276	Response to State Comments	40 days	Thu 10/1/09	Wed 11/25/09 275	
277	Update Supplement to Site Area RI Report/NG Comments/Submit to NYSDEC	65 days	Thu 9/10/09	Wed 12/9/09 274	
278	State Review and Approval	0 days	Wed 12/16/09	Wed 12/16/09 277FS+5 days	
279	Place RI Report in Document Repository	0 days	Wed 12/23/09	Wed 12/23/09 278FS+5 days	
280	<b>Off-Site RI Report</b>	<b>325 days</b>	<b>Mon 1/5/09</b>	<b>Fri 4/2/10</b>	
281	Data Evaluation, Prepare and Submit RI Report	210 days	Mon 1/5/09	Fri 10/23/09 68FF+75 days	
282	State Review and Comment	40 days	Mon 10/26/09	Fri 12/18/09 281	
283	Response to State Comments	65 days	Mon 12/21/09	Fri 3/19/10 282	
284	State Approval of RI Report	0 days	Fri 3/26/10	Fri 3/26/10 283FS+5 days	
285	Place RI Report in Document Repository	0 days	Fri 4/2/10	Fri 4/2/10 284FS+5 days	
286	<b>Soil Gas Interim Remedial Measure (IRM)</b>	<b>562 days</b>	<b>Thu 1/25/07</b>	<b>Fri 4/3/09</b>	
287	<b>IRM Work Plan</b>	<b>61 days</b>	<b>Fri 2/16/07</b>	<b>Fri 5/11/07</b>	
291	Pre-Design Soil Gas Investigation	34 days	Mon 3/19/07	Fri 6/15/07	
292	<b>Pneumatic Conductivity Studies</b>	<b>115 days</b>	<b>Thu 1/25/07</b>	<b>Thu 7/5/07</b>	
295	<b>50-75% Design</b>	<b>84 days</b>	<b>Fri 4/13/07</b>	<b>Thu 8/9/07</b>	
299	<b>95% Design</b>	<b>80 days</b>	<b>Fri 8/10/07</b>	<b>Tue 12/4/07</b>	
304	<b>Construction/Startup of IRM</b>	<b>190 days</b>	<b>Tue 9/11/07</b>	<b>Fri 6/6/08 296</b>	
305	Construction/Shakedown/Testing	97 days	Tue 9/11/07	Mon 1/28/08	

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306	Startup of IRM	0 days	Thu 2/7/08	Thu 2/7/08	305
307	Startup Testing/Extended Testing	85 days	Fri 2/8/08	Fri 6/6/08	306
308	<b>OM&amp;M Manual</b>	<b>182 days</b>	<b>Mon 7/21/08</b>	<b>Fri 4/3/09</b>	
309	OM&M Manual Submittal	0 days	Tue 8/26/08	Tue 8/26/08	
310	HASP/As-Built Preparation & Submittal	132 days	Mon 7/21/08	Fri 1/23/09	304FS+30 days
311	NYSDEC Review and Comment	45 days	Mon 1/26/09	Fri 3/27/09	310
312	Revisions per NYSDEC Comments/NYSDEC Approval	0 days	Fri 4/3/09	Fri 4/3/09	311FS+5 days
313	<b>GW IRM Bench Scale Tests, Evaluation of Design Parameters (PRB) and Treatability Studies (RIDES)</b>	<b>250 days</b>	<b>Mon 7/3/06</b>	<b>Mon 6/25/07</b>	
362	<b>Groundwater IRM</b>	<b>694 days</b>	<b>Tue 4/10/07</b>	<b>Fri 12/18/09</b>	
363	<b>GW IRM Pipe Design/Value Engineering/Integration with Soil Gas IRM</b>	<b>162 days</b>	<b>Tue 4/10/07</b>	<b>Tue 11/27/07</b>	
398	<b>IRM Work Plan</b>	<b>32 days</b>	<b>Fri 10/26/07</b>	<b>Wed 12/12/07</b>	313
403	Pilot Study(ies)	60 days	Mon 1/14/08	Fri 4/4/08	
404	<b>Basis of Design Letter</b>	<b>58 days</b>	<b>Mon 1/21/08</b>	<b>Wed 4/9/08</b>	398
407	<b>Final Design/Construction Package</b>	<b>138 days</b>	<b>Mon 2/25/08</b>	<b>Fri 9/5/08</b>	
412	<b>Well Installation/Data Analysis</b>	<b>116 days</b>	<b>Fri 9/19/08</b>	<b>Wed 3/4/09</b>	409
417	NG Procurement Approval of Construction Change Order	0 days	Tue 12/2/08	Tue 12/2/08	
418	Equipment Procurement	92 days	Mon 12/8/08	Fri 4/17/09	408,417FS+1 day
419	<b>Permitting/HASP/Soil Characterization</b>	<b>50 days</b>	<b>Wed 12/3/08</b>	<b>Fri 2/13/09</b>	
424	<b>GW IRM Construction</b>	<b>130 days</b>	<b>Tue 1/20/09</b>	<b>Tue 7/21/09</b>	
425	Mobilization/Construction/Pilot Test	79 days	Tue 1/20/09	Fri 5/8/09	422
426	Received Approval for NWIRP Basins Treated Water Disposal Option	0 days	Fri 5/29/09	Fri 5/29/09	425
427	Shakedown/Testing	37 days	Fri 5/29/09	Mon 7/20/09	426
428	System Startup	0 days	Tue 7/21/09	Tue 7/21/09	427
429	<b>OM&amp;M Manual</b>	<b>205 days</b>	<b>Mon 3/9/09</b>	<b>Fri 12/18/09</b>	
430	Complete GW IRM System Startup Plan/NYSDEC Submission	43 days	Mon 3/9/09	Wed 5/6/09	
431	OM&M Manual Preparation/NG Review/Submittal to NYSDEC	73 days	Wed 7/22/09	Fri 10/30/09	428FS+1 day
432	NYSDEC Review and Comment	30 days	Mon 11/2/09	Fri 12/11/09	431
433	Revisions per NYSDEC Comments/NYSDEC Approval	0 days	Fri 12/18/09	Fri 12/18/09	432FS+5 days
434	<b>OU3 Site Area Human Health Risk Assessment (HHRA)</b>	<b>285 days</b>	<b>Mon 11/3/08</b>	<b>Wed 12/9/09</b>	
435	Prepare Draft Risk Assessment	62 days	Mon 11/3/08	Fri 1/30/09	
436	Submit to NG	0 days	Mon 2/2/09	Mon 2/2/09	435
437	NG Review and Comment/ARCADIS Revisions	58 days	Mon 2/2/09	Wed 4/22/09	436
438	Submit to NYSDEC	0 days	Thu 4/23/09	Thu 4/23/09	437
439	NYSDEC/NYSDOH Review	66 days	Thu 4/23/09	Thu 7/23/09	438
440	Meeting to Discuss Comments	0 days	Thu 9/10/09	Thu 9/10/09	
441	Determine Path Forward/Next Steps TBD	65 days	Thu 9/10/09	Wed 12/9/09	440
442	<b>Site Area Focused Feasibility Study</b>	<b>658 days</b>	<b>Mon 7/2/07</b>	<b>Wed 1/20/10</b>	
443	<b>FS Process - RAOs, Technology Screening, Remedial Alternative Development and Preliminary Costing</b>	<b>476 days</b>	<b>Mon 7/2/07</b>	<b>Mon 5/11/09</b>	
542	<b>RIDES</b>	<b>75 days</b>	<b>Mon 9/8/08</b>	<b>Thu 12/18/08</b>	
547	NG FFS Strategy Development/Decisionmaking. Meetings/Calls with NYSDEC	111 days	Tue 12/9/08	Fri 5/15/09	
548	Complete FFS and Submit Draft to NG	30 days	Mon 5/18/09	Fri 6/26/09	547
549	NG Review and Comment	40 days	Mon 6/29/09	Fri 8/21/09	548
550	Revise FFS per NG Comments/Submit to NYSDEC	5 days	Mon 8/24/09	Fri 8/28/09	549
551	State Review and Conference Call to Discuss Draft Comments	23 days	Mon 8/31/09	Wed 9/30/09	550

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ID	Task Name	Duration	Start	Finish	Predecessors
552	State Review and Comment	10 days	Thu 10/1/09	Wed 10/14/09	551
553	Determine Path Forward re:HHRA/Evaluate Metals & PCB Alternatives/Revise and Submit Revised FFS	65 days	Thu 10/15/09	Wed 1/13/10	552
554	State Approval of Site Area FFS	0 days	Wed 1/20/10	Wed 1/20/10	553FS+5 days
555	<b>Off-Site Focused Feasibility Study (FFS)</b>	<b>276 days</b>	<b>Mon 9/14/09</b>	<b>Mon 10/4/10</b>	
556	<b>Off-Site FFS Process - NG Strategy/Decisionmaking</b>	<b>167 days</b>	<b>Mon 9/14/09</b>	<b>Tue 5/4/10 281FS-30 days</b>	
869	Draft FFS - Groundwater Modeling, RAOs, Develop/Evaluate Remedial Approaches	40 days	Mon 9/14/09	Fri 11/6/09	281FS-30 days
870	<b>Stakeholder Meetings (Initial) - Discuss RI Findings and Obtain Input on Remedial Approach</b>	<b>9 days</b>	<b>Mon 11/9/09</b>	<b>Thu 11/19/09</b>	
871	Meeting with NYSDEC/NYSDOH/NCDOH	1 day	Mon 11/9/09	Mon 11/9/09	869
872	Meeting with Bethpage Water District (BWD)	0 days	Mon 11/16/09	Mon 11/16/09	871FS+5 days
873	Possible Meeting with Other Water Districts	0 days	Tue 11/17/09	Tue 11/17/09	872FS+1 day
874	Meeting with NCDPW and NYSDOT	0 days	Wed 11/18/09	Wed 11/18/09	873FS+1 day
875	Meeting with US Navy	0 days	Thu 11/19/09	Thu 11/19/09	874FS+1 day
876	Draft FFS - Evaluate/Develop Conceptual Designs/Costing	35 days	Fri 11/20/09	Thu 1/7/10	875
877	<b>Stakeholder Meetings (Second) - Obtain Input on Conceptual Designs</b>	<b>10 days</b>	<b>Fri 1/8/10</b>	<b>Thu 1/21/10</b>	
878	Meeting with NYSDEC/NYSDOH/NCDOH	1 day	Fri 1/8/10	Fri 1/8/10	876
879	Meeting with Bethpage Water District (BWD)	0 days	Fri 1/15/10	Fri 1/15/10	878FS+5 days
880	Possible Meeting with Other Water Districts	0 days	Mon 1/18/10	Mon 1/18/10	879FS+1 day
881	Meeting with NCDPW and NYSDOT	0 days	Tue 1/19/10	Tue 1/19/10	880FS+1 day
882	Meeting with US Navy	0 days	Wed 1/20/10	Wed 1/20/10	881FS+1 day
883	Meeting with TAC Members (including Elected Officials and Town Oyster Bay)	0 days	Thu 1/21/10	Thu 1/21/10	882FS+1 day
884	Draft FFS - Finalize Conceptual Designs and Costs	30 days	Fri 1/22/10	Thu 3/4/10	883
885	<b>Stakeholder Meetings (Third) - Present Final FFS Remedial Alternatives and Conceptual Designs</b>	<b>10 days</b>	<b>Fri 3/5/10</b>	<b>Thu 3/18/10</b>	
886	Meeting with NYSDEC/NYSDOH/NCDOH	1 day	Fri 3/5/10	Fri 3/5/10	884
887	Meeting with Bethpage Water District (BWD)	0 days	Fri 3/12/10	Fri 3/12/10	886FS+5 days
888	Possible Meeting with Other Water Districts	0 days	Mon 3/15/10	Mon 3/15/10	887FS+1 day
889	Meeting with NCDPW and NYSDOT	0 days	Tue 3/16/10	Tue 3/16/10	888FS+1 day
890	Meeting with US Navy	0 days	Wed 3/17/10	Wed 3/17/10	889FS+1 day
891	Meeting with TAC Members (including Elected Officials and Town Oyster Bay)	0 days	Thu 3/18/10	Thu 3/18/10	890FS+1 day
892	Finalize Draft FFS and Submit to NG	21 days	Fri 3/19/10	Fri 4/16/10	891
893	NG Review and Comment	15 days	Mon 4/19/10	Fri 5/7/10	892
894	Revise Draft FFS per NG Comment/Submit Draft FFS to NYSDEC	6 days	Mon 5/10/10	Mon 5/17/10	893
895	State Review and Comment	30 days	Tue 5/18/10	Mon 6/28/10	894
896	Revise and Submit Revised FFS	65 days	Tue 6/29/10	Mon 9/27/10	895
897	State Approval of Off-Site FFS	0 days	Mon 10/4/10	Mon 10/4/10	896FS+5 days
898	<b>OU3 Public Meetings</b>	<b>874 days</b>	<b>Wed 6/27/07</b>	<b>Mon 11/15/10</b>	
899	Public Availability Session (RI Work Plan)	0 days	Wed 6/27/07	Wed 6/27/07	
900	Public Meeting (Site Area PRAP)	0 days	Wed 3/3/10	Wed 3/3/10	554FS+30 days
901	Public Meeting (Off-Site PRAP)	0 days	Mon 11/15/10	Mon 11/15/10	897FS+30 days

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ID	Task Name	Duration	Start	Finish	Predecessors
902	<b>AOC Monthly Progress Reports</b>	<b>1202 days</b>	<b>Mon 4/10/06</b>	<b>Fri 12/10/10</b>	