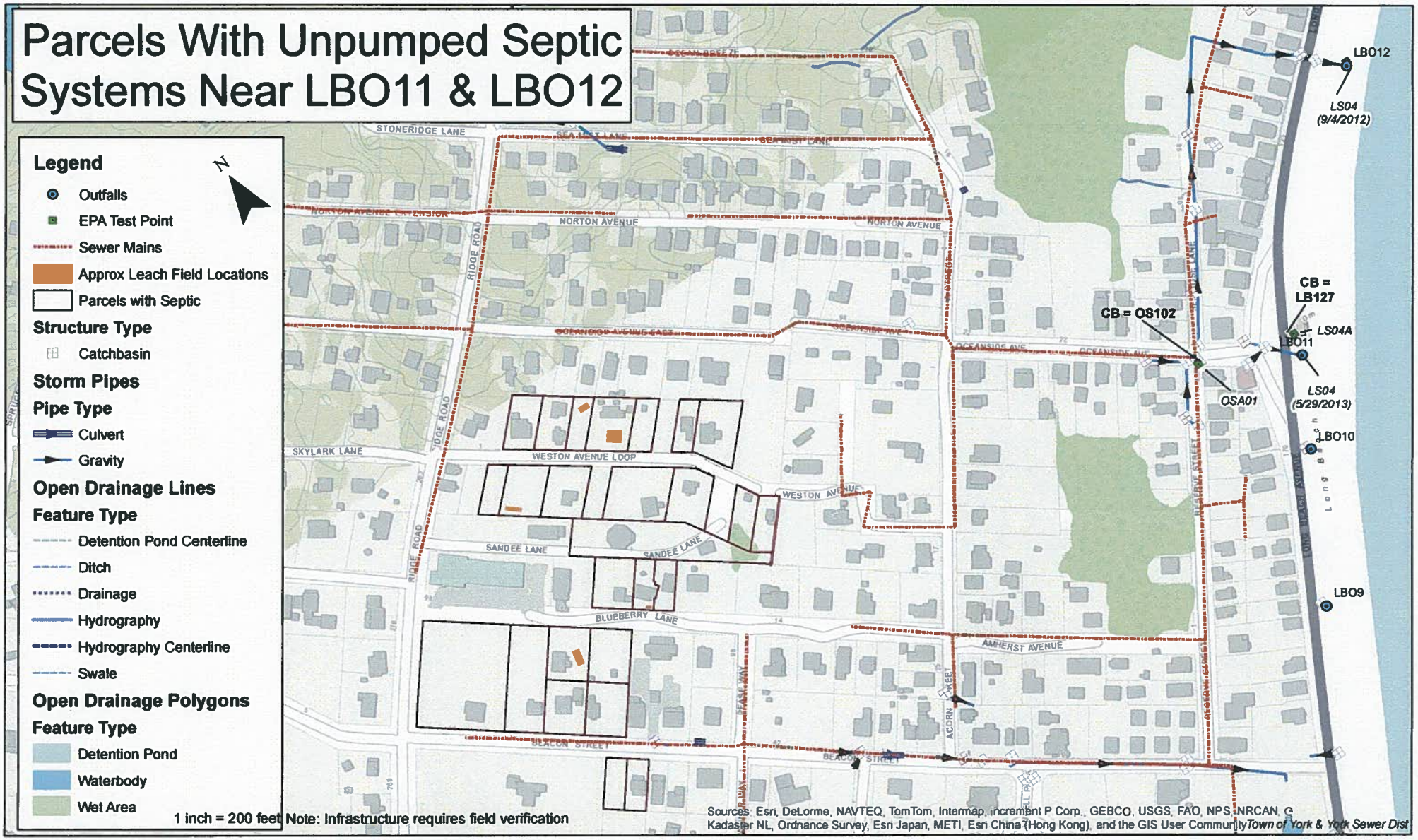
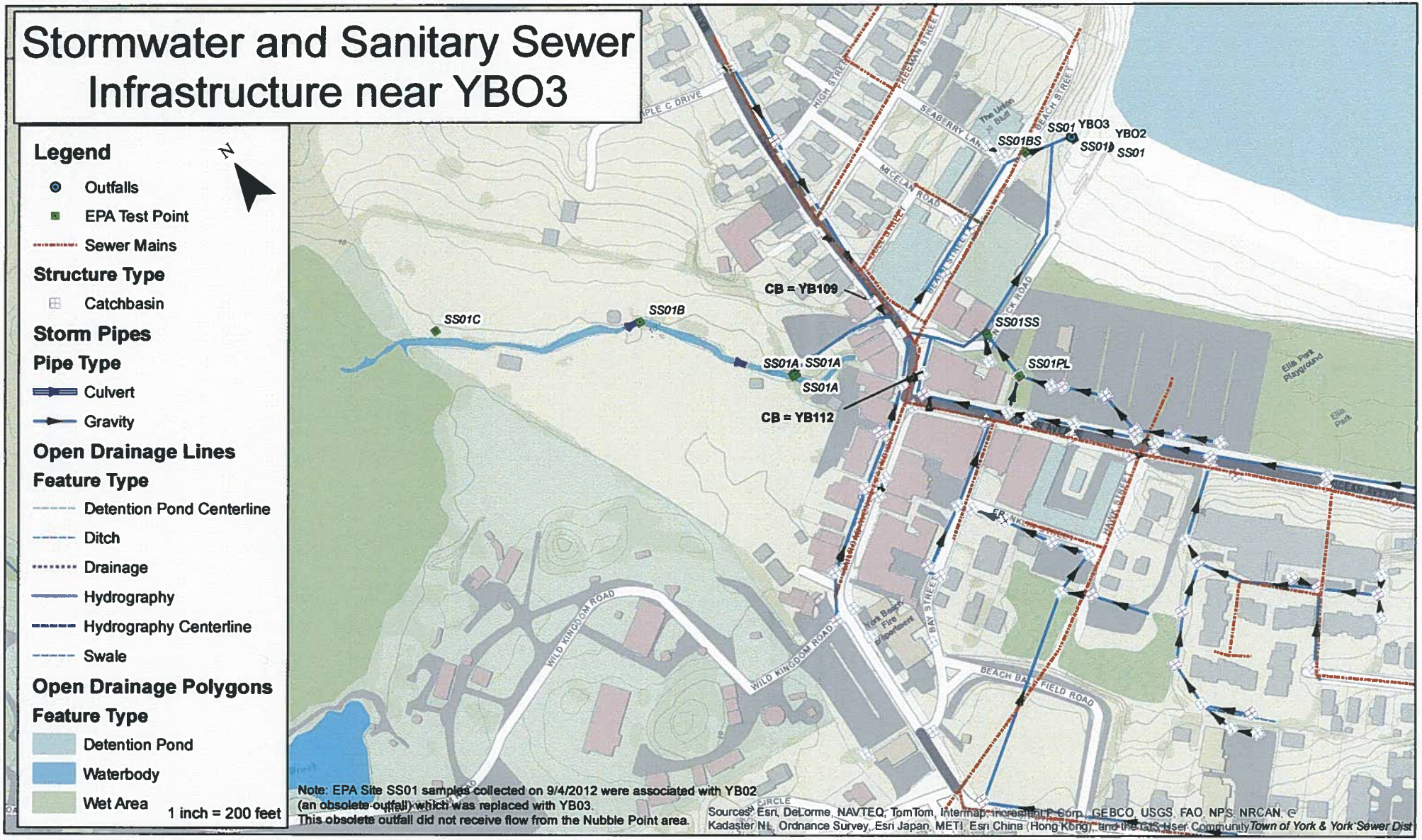
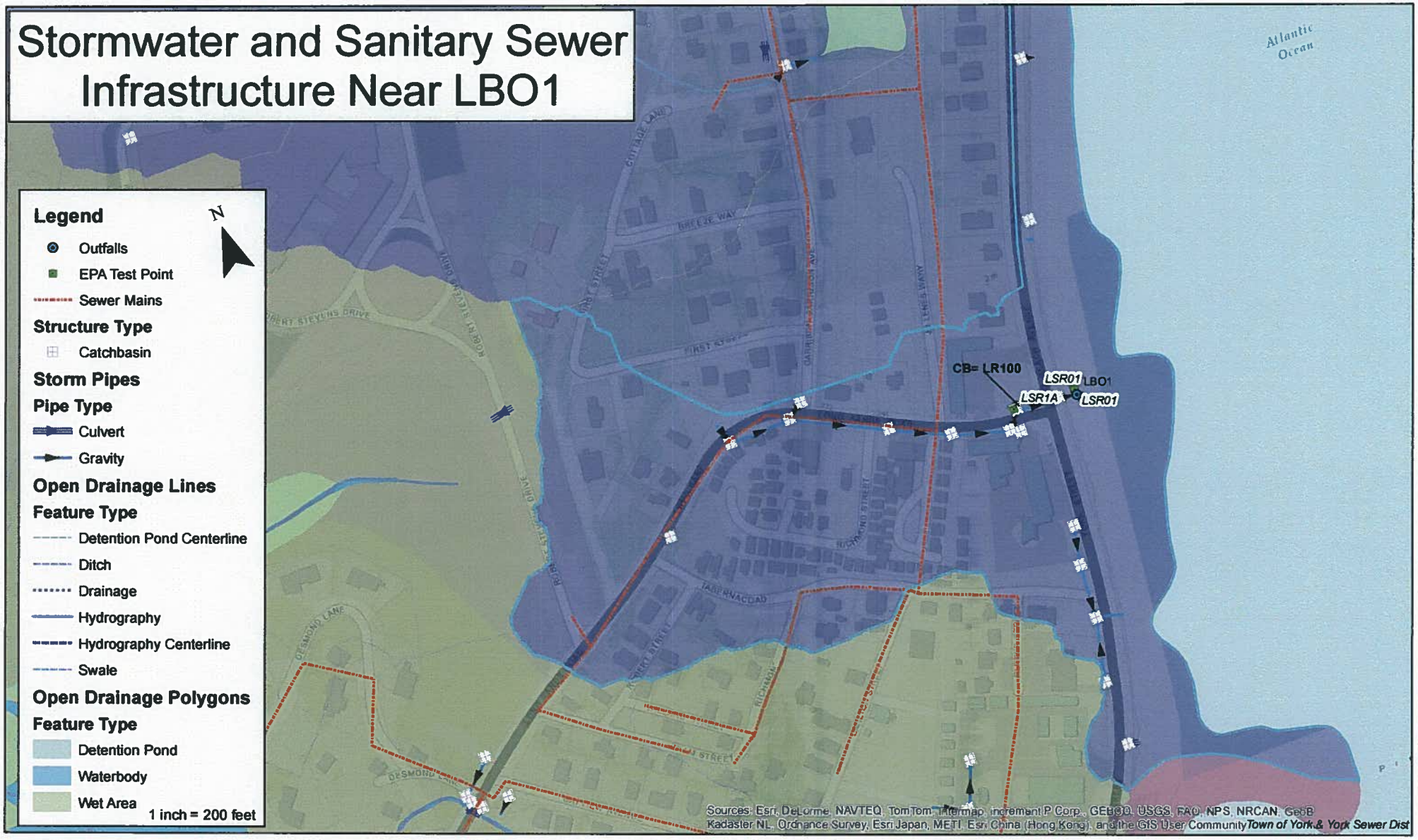
Parcels With Unpumped Septic Systems Near LBO11 & LBO12



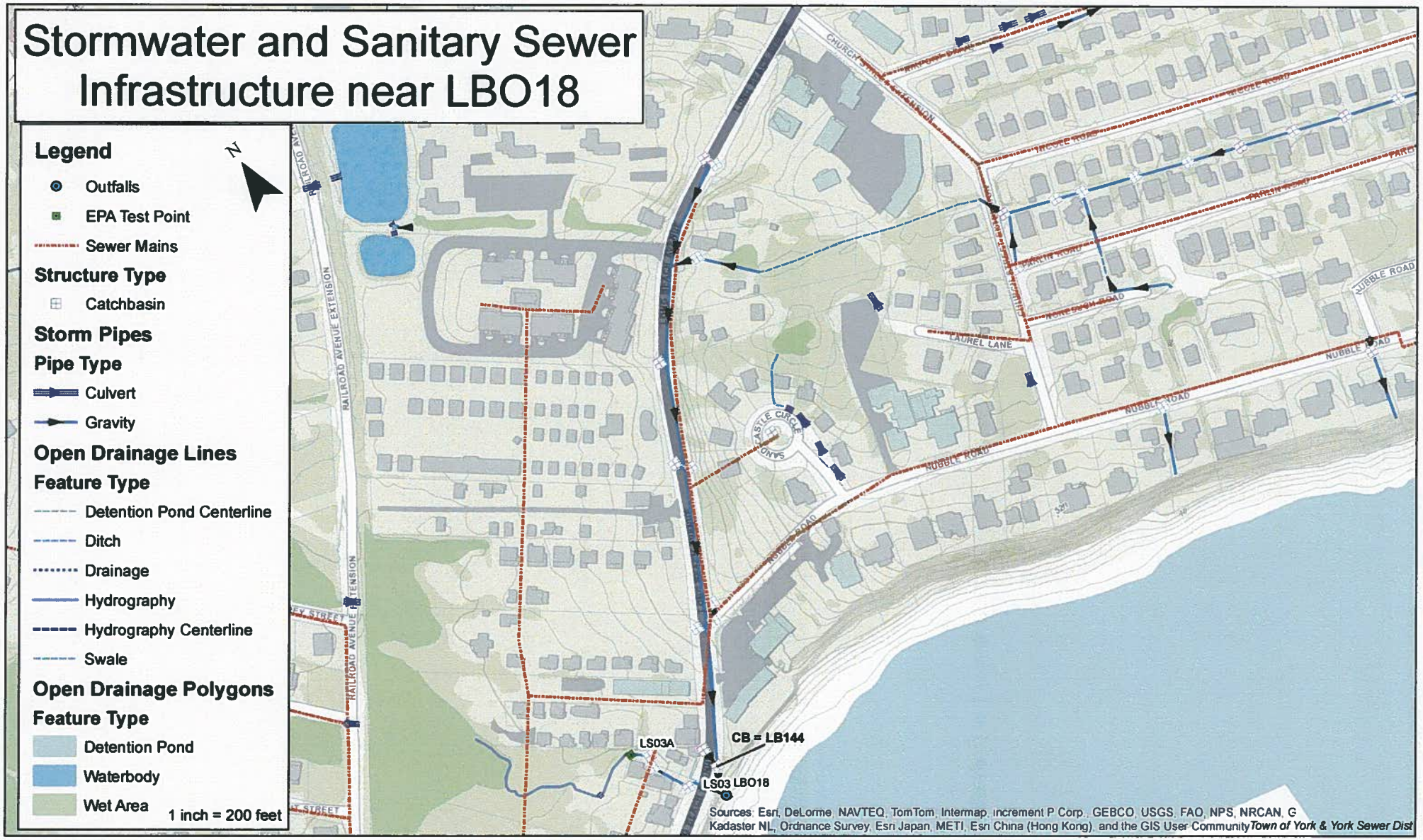
Stormwater and Sanitary Sewer Infrastructure near YBO3



Stormwater and Sanitary Sewer Infrastructure Near LBO1



Stormwater and Sanitary Sewer Infrastructure near LBO18



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Illicit Discharge No.	Location of Potential Illicit Discharge	Description of Potential Illicit Discharge (include time if applicable)	Actions to be Taken, Schedule, and responsible party	Date and Description of Resolution or status as of 3/8/2015
1	LB127 and LBO11 (Catch basin and outfall adjacent to bath house on ocean side of Long Beach Avenue)	Water samples taken by EPA (called LS04A on 7/16/2014 and LS04 on 5/29/2013), and UNH (Site 10) revealed high concentrations of bacteria (E. coli and Enterococci) and pharmaceuticals (9.8 and 24 ng/ml acetaminophen). Date Reported: 9/26/2014	A. Update GIS Infrastructure based on institutional knowledge. Stormwater Manager, Consultant and GIS Manager by 2/18/2015.	A. Met with Public Works 10/9/2014. GIS updated 12/1/2014, revised 2/18/2015
			B. Field confirm connections and update GIS for structures, connections and catchment. If additional infrastructure is connected, assess for dry weather flow, inspect all connections for potential source. Document visual observations. Sample as close to any potential source as possible for Enterococci, and collect field parameters (pH, temperature, conductivity, ammonia, surfactants). Stormwater Manager and GIS Manager to complete field assessment and GIS update by 5/1/2015 if weather permits.	B.
			C. Dye test bath house when it is warm enough for the water to be turned on. Stormwater Manager to complete by 5/1/2015 if weather permits.	C.
			D. If results of dye test show no illicit connection from bath house, monitor site weekly for one month for dry weather flow. Document visual observations per outfall inspection protocol (IDDE Program). Sample any dry weather flow for Enterococci, and field parameters (pH, temperature, conductivity, ammonia, surfactants). Stormwater Manager to complete beginning 5/26/2015.	D.
			E. Bath house is scheduled for reconstruction in 2016. Stormwater Manager will visit site when construction is underway to assess for illicit connections, 2016.	E.

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Illicit Discharge No.	Location of Potential Illicit Discharge	Description of Potential Illicit Discharge (include time if applicable)	Actions to be Taken, Schedule, and responsible party	Date and Description of Resolution or status as of 3/8/2015
2	Outfall LBO12 and catch basin OS102 (System along Oceanside Ave and Sea Rose Lane, catch basin at the south east corner of Oceanside Avenue and Reserve Street)	Water samples taken by EPA (called LS04 on 9/4/2012, MHB04 on 5/29/2013, and OSA1 on 7/16/2014), and Town of York revealed high concentrations of bacteria (E. coli and Enterococci) and pharmaceuticals (72 ng/ml acetaminophen). Date Reported: 9/26/2014	A. Update GIS Infrastructure based on institutional knowledge (Stormwater Manager, Consultant and GIS Manager)	A. Met with Public Works 10/9/2014. GIS updated 12/1/2014, revised 2/18/2015
			B. Field confirm connections and update GIS for structures, connections and catchment. Document visual observations. Sample as close to any potential source as possible for Enterococci, and collect field parameters (pH, temperature, conductivity, ammonia, surfactants). Stormwater Manager and GIS Manager to complete field assessment and GIS update by 5/1/2015 if weather permits.	B.
			C. Monitor LBO12, contribution from wetland area, and OS102 for 7 days when dry weather is expected during the month of May, assess for dry weather flow (in early morning hours 6-9 am, before traffic is heavy, when sanitary discharges may be at peak). Place Optical Brightener Monitoring Trap in outlet from Sea Rose Lane. Document visual inspections and trap results daily. If dry weather flow is present, inspect accessible structures to identify potential source. Sample as close to any potential source as possible for Enterococci, polymerase chain reaction-based microbial source tracking assay (PCR), and acetaminophen, and collect field parameters (pH, temperature, conductivity, ammonia, surfactants). Concurrently, sample contributing wetland area to assess if bacteria is coming from areas further away but still in the catchment area. Assume collection of 8 samples for budget purposes. Analyze for acetaminophen only if cost effective lab is located. Stormwater Manager and Public Works to complete inspections in May 2015. PCR analysis to be completed by UNH by 6/30/2015.	C.
			D. If no dry weather flow observed from LBO12 or catch basin OS102 during 7 day period, continue monitoring once per week for one month. Evaluate next steps within two weeks of completing monitoring. Stormwater Manager to complete 6/30/2015.	D.
			E. Identify known septic systems in immediate catchment, cross check septic systems with pumping database, and enforcement actions.	E. 14 Septic systems along Western Avenue Loop have been issued two notices of violation for non-pumping. A third notice will be issued 3/30/2015 stating that unless the requested information is received, the matter will be forwarded to the Town Attorney for enforcement.
			F. Identify additional potential septic systems by cross checking parcels with York Sewer District's current list of parcels that do not pay for sewer service. Contact owners of parcels and inform them they must either respond with confirmation that they have a septic system and have pumped it in accordance with the ordinance, or confirm they do not have a septic system and are on public sewer. Stormwater Manager to issue letters by 3/20/2015.	F. Obtained Sewer District service list 2/12/2015. Identified 12 parcels with structures on them that are not provided with sanitary sewer service (Sandee Lane, Blueberry Lane and Beacon Street). First enforcement letters in progress.
			G. Cross reference pumping database with rental property listing. Ensure rental properties in catchment are pumping annually. Issue letters to any non-conforming properties. Stormwater Manager to complete by 4/1/2015.	G. Review in progress

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Illicit Discharge No.	Location of Potential Illicit Discharge	Description of Potential Illicit Discharge (include time if applicable)	Actions to be Taken, Schedule, and responsible party	Date and Description of Resolution or status as of 3/8/2015
2	Outfall LBO12 and catch basin OS102 (System along Oceanside Ave and Sea Rose Lane, catch basin at the south east corner of Oceanside Avenue and Reserve Street)	Water samples taken by EPA (called LS04 on 9/4/2012, MHB04 on 5/29/2013, and OSA1 on 7/16/2014), and Town of York revealed high concentrations of bacteria (E. coli and Enterococci) and pharmaceuticals (72 ng/ml acetaminophen). Date Reported: 9/26/2014	H. Confirm with Sewer District age and general condition of infrastructure in area. Sewer District will provide information by 3/9/2015.	H. Met with Sewer District on 2/18/2015 to review sites and request information. Sewer District identified some new PVC pipe in area, but also clay and asbestos concrete. Sewer District plans to televise sewer in area as soon as snow melt allows access.
			I. Review status of suspect septic system sites identified under items E, F, and G, with Board of Selectmen. Stormwater Manager to present to Board of Selectmen 8/31/2015.	
			J. Cross check list of suspect systems with Town Map/Lot files for septic system Installation date and details. Map known septic systems in catchment. Assess if systems are older than 25 years. Contact owners and notify them if systems are older than 25 years even if they have been pumped per the ordinance requirements. GIS Manager to map and Stormwater Manager to assess by 6/1/2015.	J. Cross check and mapping in progress.

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Illicit Discharge No.	Location of Potential Illicit Discharge	Description of Potential Illicit Discharge (include time if applicable)	Actions to be Taken, Schedule, and responsible party	Date and Description of Resolution or status as of 3/8/2015
3	Outfall LBO18 and wetland area near 65 Long Beach Avenue	Water samples taken by EPA (LS03 on 7/16/2014 and 9/4/2012, and LS03A on 7/16/2014), and UNH (Site LS03, Monday through Friday from 7/17/2014 through 9/8/2014) revealed high concentrations of bacteria (E. coli and Enterococci) and pharmaceuticals (41 ng/ml acetaminophen). Date Reported: 9/26/2014	A. Field confirm connections and update GIS for structures, connections and catchment to reflect new contribution from Nubble Point Area. GIS Manager by February 2015.	A. Mapping updated based on as-built files received 11/18/2014. Field confirmed 2/9/2015. GIS completed 3/4/3015.
			B. Monitor LBO18, catch basin LB144 (contribution from Nubble Point), and flow from wetland (LS03A), when dry weather is expected during the month of May. Assess for dry weather flow daily for 7 days (in early morning hours 6-9 am, before traffic is heavy, when sanitary discharges may be at peak). Place Optical Brightener Monitoring Trap in LB144. Document visual inspections and trap results daily. If dry weather flow is present, inspect accessible structures to identify potential source. Sample as close to any potential source as possible for Enterococci, PCR, and acetaminophen, and collect field parameters (pH, temperature, conductivity, ammonia, surfactants). Assume collection of 6 samples for budget purposes. Stormwater Manager and Public Works employee to conduct monitoring and sampling during month of May. PCR analysis to be completed by UNH by 6/30/2015.	B.
			C. If no flow observed from LBO18 or catch basin LB144 during 7 day period, continue monitoring once per week for one month. Evaluate next steps within two weeks of completing monitoring.	C.
			D. Identify known septic systems in immediate catchment, cross check septic systems with pumping database, and enforcement actions. GIS Manager to complete by 5/1/2015.	D. Identification in progress
			E. Identify potential septic systems by cross checking parcels with York Sewer District's list of parcels that do not pay for sewer service. Contact owners of parcels and inform them they must either respond with confirmation that they have a septic system and have pumped it in accordance with the ordinance, or confirm they do not have a septic system and are on public sewer. GIS Manager to complete by 4/1/2015. Stormwater Manager to issue letters by 4/20/2015.	E. Obtained Sewer District service list 2/12/2015.
			F. Cross reference pumping database with rental property listing. Ensure rental properties in catchment are pumping annually. Issue letters to any non-conforming properties. Stormwater Manager to complete by 4/1/2015.	F. Cross check in progress
			G. Confirm with sewer district age and general condition of infrastructure in area. Sewer District will provide information by 3/9/2015.	G. Met with Sewer District on 2/18/2015 to review sites and request information. Sewer District identified some clay pipe in area, and some new PVC pipe. Sewer District will televise when snow melt allows access.
			H. Stormwater Manager and Consultant to meet with Sewer District by 5/1/2015 to develop a schedule to follow-up on any suspect issues identified during televising.	H.

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Illicit Discharge No.	Location of Potential Illicit Discharge	Description of Potential Illicit Discharge (include time if applicable)	Actions to be Taken, Schedule, and responsible party	Date and Description of Resolution or status as of 3/8/2015
3	Outfall LBO18 and wetland area near 65 Long Beach Avenue	Water samples taken by EPA (LS03 on 7/16/2014 and 9/4/2012, and LS03A on 7/16/2014), and UNH (Site LS03, Monday through Friday from 7/17/2014 through 9/8/2014) revealed high concentrations of bacteria (E. coli and Enterococci) and pharmaceuticals (41 ng/ml acetaminophen). Date Reported: 9/26/2014	I. Review suspect septic system sites identified under items D, E, and F with Board of Selectmen. Stormwater Manager to present to Board of Selectmen 8/31/2015.	I.
			J. Cross check list of suspect systems with Town Map/Lot files for septic system installation date and details. Map known septic systems in catchment. Assess if systems are older than 25 years. Contact owners and notify them if systems are older than 25 years even if they have been pumped per the ordinance requirements. GIS Manager to map and Stormwater Manager to assess by 6/1/2015.	J. Cross check and mapping in progress.

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Illicit Discharge No.	Location of Potential Illicit Discharge	Description of Potential Illicit Discharge (include time if applicable)	Actions to be Taken, Schedule, and responsible party	Date and Description of Resolution or status as of 3/8/2015
4	LR100 and LBO1 (at Long Beach Avenue end of Long Sands Road)	Water samples taken by EPA (LSR1A on 7/16/2014 and LSR01 on 5/29/2013 and 9/4/2012) and UNH revealed high concentrations of bacteria and acetaminophen in 2012 and 2013 and lower concentrations in 2014.	A. Monitor daily for dry weather flow during UNH monitoring for beach modelling. If dry weather flow is observed, sample for enterococci.	A. Observations of outfall occurred Monday through Friday between 7/16/2014 and 9/8/2014 approximately between the hours of 10 am and 1 pm. No dry weather flows were observed by UNH except on 9/1/2014, which showed enterococci at 20 MPN/100ml.
			B. Monitor outfall and catch basin during cleaning (week of October 20, 2014). If dry weather flow is observed, inspect each up stream connected structure to determine the source of the flow. Sample as close to any potential source as possible.	B. Catch basin cleaning conducted on 10/27/2014 was attended by the Stormwater Manager to assess the potential for dry weather flows and illicit discharges. No flow was present and no evidence of illicit discharge was observed.
			C. Confirm with Sewer District age and general condition of infrastructure in area. Sewer District will provide information by 3/9/2015.	C. Met with Sewer District on 2/18/2015 to review sites and request information. Sewer District identified clay and asbestos concrete pipe in this area. Sewer District televised sewer on 3/3/2015 and found no suspect issues.
			D. Continue monitoring once per month during summer season for dry weather flow. Document visual observations. If dry weather flow is present, review connections to system to assess potential source. Sample as close to any potential source as possible for Enterococci, PCR and acetaminophen and collect field parameters (pH, temperature, conductivity, ammonia, surfactants). Evaluate next steps within two weeks of completing monitoring. Stormwater Manager to complete beginning week of 5/26/2015, weather permitting.	D.

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Illicit Discharge No.	Location of Potential Illicit Discharge	Description of Potential Illicit Discharge (include time if applicable)	Actions to be Taken, Schedule, and responsible party	Date and Description of Resolution or status as of 3/8/2015
5	YBO2 (which became obsolete in 2012) and YBO3 (which replaced YBO2)	Water samples taken by EPA from 2012 through 2014 showed high concentrations of bacteria and acetaminophen.	A. Inspect Wild Kingdom contributions to Briley Brook (near waste composting area).	A. Inspection of Wild Kingdom waste area treatment system on September 30, 2014 showed system did not appear to be contributing flow to Briley Brook. Inspection was performed with property owner, Joe Barberi in attendance. Weather was overcast, with rain the previous day. Ditch around the system was dry.
5	YB100 (areas contributing to YBO2 from the Northern Box Culvert including Briley Brook) YBO3 and YB201 (Areas contributing to YBO2 from the Southern Box Culvert)	Water samples taken by EPA (SS01-BS, SS01-A, SS01-B, and SS-01C along the new Northern Box Culvert and in Briley Brook on 5/29/2013 and 7/16/2014), and UNH showed high concentrations of bacteria and acetaminophen. Water samples taken by EPA (SS01, SS01-SS and SS01-PL) detected high concentrations of bacteria and acetaminophen. Date Reported: 9/26/2014	B. Inspect trailer park for potential illicit discharges. Stormwater Manager by 6/30/2015	B.
			C. Monitor YBO3, YB100, YB109, YB201, and YB112 when dry weather is expected during the month of May. Assess for dry weather flow daily for 7 days (in early morning hours 6-9 am, before traffic is heavy, when sanitary discharges may be at peak). Place Optical Brightener Monitoring Traps in YB109, YB201, and YB112. Document visual inspections and trap results daily. If dry weather flow is present, inspect accessible structures to identify potential source. Sample as close to any potential source as possible for Enterococci, PCR, and acetaminophen, and collect field parameters (pH, temperature, conductivity, ammonia, surfactants). Assume collection of 6 samples for budget purposes. Stormwater Manager and Public Works employee to conduct monitoring and sampling during month of May. PCR analysis to be completed by UNH by 6/30/2015.	C.
			D. If no flow observed from YB100, YB109, YB201, or YB112, during 7 day period, continue monitoring once per week for one month. Evaluate next steps within two weeks of completing monitoring.	D.
			E. Identify known septic systems in immediate catchment, cross check septic systems with pumping database, and enforcement actions. GIS Manager to complete by 4/1/2015.	E. Identification in progress
			F. Identify potential septic systems by cross checking parcels with York Sewer District's list of parcels that do not pay for sewer service. Contact owners of parcels and inform them they must either respond with confirmation that they have a septic system and have pumped it in accordance with the ordinance, or confirm they do not have a septic system and are on public sewer. GIS Manager to complete by 4/1/2015. Stormwater Manager to issue letters by 4/20/2015.	F. Obtained Sewer District service list 2/12/2015. Review in progress.
			G. Cross reference pumping database with rental property listing. Ensure rental properties in catchment are pumping annually. Issue letters to any non-conforming properties. Stormwater Manager to complete by 4/1/2015.	G. Review in progress

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Illicit Discharge No.	Location of Potential Illicit Discharge	Description of Potential Illicit Discharge (include time if applicable)	Actions to be Taken, Schedule, and responsible party	Date and Description of Resolution or status as of 3/8/2015
5	YB100 (areas contributing to YBO2 from the Northern Box Culvert including Briley Brook) YBO3 and YB201 (Areas contributing to YBO2 from the Southern Box Culvert)	Water samples taken by EPA (SS01-BS, SS01-A, SS01-B, and SS-01C along the new Northern Box Culvert and in Briley Brook on 5/29/2013 and 7/16/2014), and UNH showed high concentrations of bacteria and acetaminophen. Water samples taken by EPA (SS01, SS01-SS and SS01-PL) detected high concentrations of bacteria and acetaminophen. Date Reported: 9/26/2014	H. Confirm with sewer district age and general condition of infrastructure in area. Sewer District will provide information by 3/9/2015.	H. Met with Sewer District on 2/18/2015 to review sites and request information. Sewer District finds infrastructure in this area is new (completed during 2012/2013 construction). No additional known or suspect issues.
			I. Review suspect septic system sites identified under items D, E, and F with Board of Selectmen and obtain enforcement authorization (e.g., fines, hire septic system pumper and inspector and conduct inspections, or alternative). Stormwater Manager to present to Board of Selectmen 8/31/2015.	I.
			J. Cross check list of suspect systems with Town Map/Lot files for septic system installation date and details. Map known septic systems in catchment. Assess if systems are older than 25 years. Contact owners and notify them if systems are older than 25 years even if they have been pumped per the ordinance requirements. GIS Manager to map and Stormwater Manager to assess by 6/1/2015.	J. Cross check and mapping in progress.