

Table A-2-1: Indian Brook Expired Permit Discharges and Proposed BMP Retrofits

BMP in BMPDSS (Y/N?)	Permit Number	Project Name	RDA/ Other <sup>1</sup>	Owner	Existing Manner of Discharge	Proposed Retrofit (Y/N/E?) <sup>2</sup>	Proposed System Upgrades under FRP <sup>3</sup>
<b>Town of Essex</b>							
<b>N- Not In Model</b>	1-0667	Parcel H - Lang Farm	3557-9010	Private	No existing CPv BMP. Portion drains to Alder Brook.	Y	Partial coverage by "LDS North" proposed BMP.
	2-0613	Lang Farm "Lot A" , Essex Way to the Inn at Essex		Private	No existing CPv BMP	E	Partial coverage by "1-0775 Pond C", Essex Outlets Pond
	1-0491	The Center at Essex- Peter Edelman		Private	No existing CPv BMP	N	
	1-1371	Links @ Lang Farm, LLC Golf Course	6004-INDS	Private	No existing CPv BMP	N	See new permit
<b>Y- Base Pre2002 Scenario - Channel Protection Volume (CPv) BMP covered under Permit</b>	1-0775a	Lang Farm Parcel A- Phase 2- Essex Outlets	4002-INDS and 6262-9020	Private	Detention Pond A	E	Upgraded under 6262-9020 permit
	1-0775b	Lang Farm Parcel A- Phase 2,Essex Outlets	4002-INDS and 6262-9020	Private	Detention Pond B	E	Upgraded under 6262-9020 permit
	1-0775c	Lang Farm Parcel A- Phase 2, Essex Outlets	4002-INDS and 6262-9020	Private	Detention Pond C	E	Upgraded under 6262-9020 permit
	1-1307	Homestead Design, Inc.	4002-INDS.A	Private	Detention Pond	E	Detention Pond discharges to ponds covered by 1-0775
	1-1319_p1	Church of Jesus Christ of Latter Day Saints		Private	"South" Detention Pond	Y	"LDS South" proposed retrofit: Upgrade existing pond to detention chamber system.
	1-1319_p2	Church of Jesus Christ of Latter Day Saints		Private	"North" Detention Pond	Y	"LDS North" proposed retrofit: Upgrade existing pond to large detention chamber system.
	1-1381_p1	The Commons at Essex Way Condominium Association		Private	"North" Detention Pond	Y	"The Commons Pond" proposed retrofit: Upgrage existing pond to detention chamber system.
	2-0631	Inn at Essex		Private	Dry Pond	Y	Proposed to send runoff to "LDS North" proposed BMP.
	1-1381_p2	The Commons at Essex Way Condominium Association		Private	"South" Detention Pond	N	No retrofit proposed under FRP. Potential to convert pond to detention chamber system.
1081	Essex STP 030-1(17)- Route 15 Reconstruction	Notice of Termination	Town	Detention Pond	N		

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<b>Village of Essex Junction</b>							
<b>N - Not in Model</b>	2-0155	Essex Park Phase III & IV		Village	No existing CPv BMP	Y	Partial coverage by "Countryside Dr." proposed detention Chamber BMP and GSI planters.
	2-0187	Grove Street- North Street		Village	No existing CPv BMP	Y	Partial coverage by "Grove St" proposed infiltration chamber BMP.
	2-0952	North Creek, South Creek and East Creek Condominiums		Private	No existing CPv BMP	Y	Coverage by "Brickyard" proposed detention BMP
	2-1103	Pleasant Street & East Street		Village	No existing CPv BMP	Y	Partial coverage by "Densmore Dr" proposed infiltration chamber BMP.
	1-0236	Brickyard		Private	System of Catch Basins	N	
	1-0771	Champlain Valley Exposition Inc.		Private	No existing CPv BMP	N	
	1-0953	Dury Drive & Meadow Village		Village	No existing CPv BMP	N	
	2-0769	Athens Drive		Village	System of Catch Basins	N	
	2-0855	Village Knoll-Woods End & Acorn		Village	System of Catch Basins	N	
2-0961	Brookside Condominiums		Village	No existing CPv BMP	N		
<b>Y - Base Pre2002 Scenario - Channel Protection Volume (CPv) BMP covered under Permit</b>	1-1074	Countryside II Fairview Farms: Locust lane, Chestnut Lane, Spruce Land, Walnut Lane	Upgraded	Private	Detention Pond	E	Pond upgrades included in Post 2002 model. No additional retrofit proposed.
	1-1382	Essex Community Educational Ctr.	renewed 4119-INDS.1	Private	Infiltration Basin- upgraded	E	Infiltration Basin
	1-1409	Champlain Valley Exposition, Inc		Private	Dry pond	E	Changes proposed under 3636-INDS.1 (TB constructed)
	2-0317/2-0289	East Creek Condominiums		Private	Dry pond	Y	Proposed upgrades to Detention pond to meet 2002 VT SWMM stds.
	2-0289/2-0317	Countryside in the Village/Essex Housing Partnership		Private	Dry pond	Y	Proposed upgrades to Detention pond to meet 2002 VT SWMM stds.
	2-0835 pt 1	Village Glen Condos- CGPM, Inc.		Private	Dry well	N	Meets CPv std. No retrofit proposed.
	2-0835 pt 2	Village Glen Condos- CGPM, Inc.		Private	Dry well	N	Meets CPv std. No retrofit proposed.

\* Table Originally Prepared by Emily Schelley (VT DEC), Revised by WCA (2014).

<sup>1</sup> RDA: Residual Designation Authority- Private Permittees requests to have their expired stormwater system covered under an RDA permit, which overwrites their expired permit.

<sup>2</sup> Y - Yes, retrofit proposed, N- No retrofit proposed under FRP, E- Post 2002 Existing BMP addresses a portion of impervious under expired permit

<sup>3</sup> Expired permit retrofits were determined based on direct benefit to the Flow Restoration Targets. Expired permits with a CPv(extended detention of the 1-year design storm) BMP were assessed for retrofit opportunity, and if the flow reduction benefit was determined negligible, a retrofit was not proposed. It was determined beneficial to route several expired permit systems to a larger retrofit project, rather than retrofit the existing system on-site.