

CASE STUDY - RECOVER-ALL™

TRENT VALLEY HONDA: UPGRADING THE WATER TREATMENT SYSTEM



TRENT VALLEY , HONDA, Ontario

INTRODUCTION

TRENT VALLEY HONDA, located in Peterborough, Ontario, is premier retailer of new and used Honda vehicles, and an excellent service provider for over 40 years. As new vehicles enter the facility, the waxy film must be washed off with soap and solvent. Further, all waste water produced by other washing processes get accumulated into an underground holding pit and gets pumped and treated with the system they presently have in place. Our goal was to upgrade the facility with an simple, economical treatment process, that is easy to use and maintain, and best of all, provides clean water!

THE PROBLEM

With the amelioration of their facility HONDA TRENT VALLEY'S initiative was to take care of the contaminants produced by the washing process, such that environmental norms are met. Presently, they are using an older treatment system that occupies a large floor space in the facility, and is difficult to maintain. The cost to maintain the system is both expensive and labour intensive. The actual media change outs are a hassle and take a very long time to accomplish. The Influent/Effluent water contaminants are summarized in Table 1.

Analysis	Pre-Treatment	Post Treatment
pH	7.07	6.48
Oil/Grease Anim/Veg (mg/L)	40.5	1.3
Oil/Grease Mineral (mg/L)	3.3	<1
Benzene (ug/L)	<50	<5
Ethylbenzene (ug/L)	<50	0.6
Lead (ug/L)	18	<1

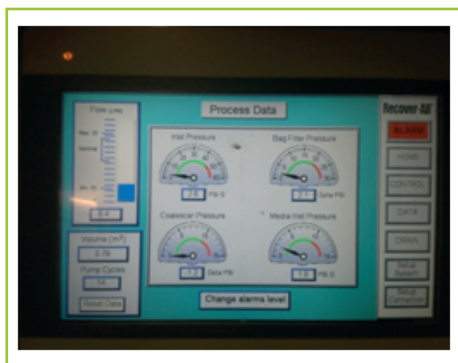
THE SOLUTION

TRENT VALLEY HONDA was in search of upgrading their facility with a compact, easy-to-maintenance, and fully automated system capable of filtering and removing sediments, separating oil from water and treating the water to regulated discharge levels before sending it to the drain. TRENT VALLEY HONDA wanted a system that was easy to use, and found it with RECOVERALL™, with its user-friendly human interface and automatic treatment process. What makes the unit really interesting is the compact-cabinet mount with level controls and touch screen.

The installation was easy. The RECOVERALL™'s inlet was plumbed into the sump pit, and a level float switch was installed to activate it when there was water in the pit.

THE RESULT

The main concern for TRENT VALLEY HONDA was their high maintenance cost and large floor space occupied by their initial system. With RECOVERALL™ they were able to satisfy all criteria, including a hassle free carbon change-out that was less intensive than the former system, and above all, contaminated process water was treated to norm.



RECOVERALL INSTALLATION DETAILS

ERE INC. is a Technology Solution Company, specializing in manufacturing of treatment systems for a variety of water treatment applications. Call 1 888 287 3732, email sales@ereinc.com or visit our website at www.ereinc.com.

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