

PUGET SOUND CLEAN CARS STORMWATER PARTNERSHIP

ISSUE
03

SEPTEMBER 2017 NEWSLETTER
WORKING GROUP MEETING

Welcome to the Puget Sound Clean Cars Stormwater Partnership, a collaborative effort to reduce stormwater impacts associated with automotive vehicle fluid leaks in the State of Washington. In this third edition of our quarterly Newsletter, we present a brief overview and update of the project organization, expectations, and activities to date.



Project Report Outline Established and Distributed to Working Group Members

Based on the results of Working Group discussions during the previous web meeting, as well as the results of initial literature searches, a draft project report outline was established and distributed to Working Group members for review and comment. Key citations identified to date include the recently published textbook titled *Mitigating Environmental Impact of Petroleum Lubricants*, by Charles Mbohwa and Ignatio Madanhire. This book reviews environmental and human health impacts of lubricants, as well as recent advances in green or sustainable lubricant design with considerations across the product's life cycle (from manufacture to disposal).

The draft report outline includes relevant research articles and technical documents identified to date, listed in respective report sections. Gradient also provided suggestions of possible authors and contributors to specific sections based on Working Group members' respective technical expertise. The report outline will be discussed in more detail at the September 6 Working Group web meeting, at which point, specific tasks will be assigned to Working Group members with a timeline for follow-up.

Second Working Group Meeting

On June 20, 2017, the Puget Sound Clean Cars Stormwater Partnership Working Group held its second web meeting. Tom Lewandowski from Gradient kicked things off by summarizing some project updates, including the recently established project website hosted by Ecology. This web page will be used to store Working Group and other project-related materials, including newsletters, meeting slides, and publically available references and resources that will be used for the project report. Joel Cohen then provided an overview of the Puget Sound Toxics Loading Analysis (PSTLA), summarizing previous work conducted by Ecology to identify primary contaminants of concern impacting Puget Sound and their respective inputs and sources. The PSTLA results were used to inform and guide source control strategies, specifically the Puget Sound Clean Cars Stormwater Partnership, whose main goal is to collect data that inform strategies specifically for reducing the impacts of vehicle leaks.

Tom Lewandowski then provided a review of research topics identified to guide information-gathering tasks, including a list of relevant vehicle fluid types and key research articles found as part of an initial literature search. Working Group members discussed the research topics raising questions about the scope of the project. The meeting wrapped up with a recap of key research topics, and a request to Working Group members to identify additional literature sources, databases, or technical experts to help contribute to the project. Gradient and SAE committed to continuing their literature search efforts. Detailed meeting minutes are now publically available on Ecology's website:

<https://fixcarleaks.org/wp-content/uploads/2017/07/WG-Meeting-Minutes-062017.pdf>

Presentation slides and other materials, including a recording of the entire meeting, will soon be made publically available by Ecology here:

<https://fixcarleaks.org/clean-cars-partnership/>

Upcoming Events

The follow-up quarterly web meeting is scheduled for September 6, 2017, 1p.m. – 2p.m. eastern standard time (10a.m. – 11a.m. pacific standard time). Web meetings are 30 minutes to 1 hour in length, and are hosted by Ecology's consultant, Gradient, with assistance from SAE International. The Working Group will discuss project related tasks, information needs and progress updates. Findings and information collected during these web-meetings will be summarized in a final report delivered to Ecology in June 2018 and presented at a future SAE conference.

Collaboration between:



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