

# Attachment 1

## Scope of Work

### Local Limits Development Plan – City of Camas, Washington

#### Background & Objectives

The City of Camas has requested CH2M to provide consulting services to the City of Camas (City) to help the City develop a Local Limits Development Plan, assist with monitoring treatment plant influent and effluent for priority pollutants, help the City effectively engage and communicate with its Industrial Users, which are all part of compliance with the City's NPDES Permit for the Camas Wastewater Treatment Plant (WWTP). Section S6 F.1 of the City's NPDES Permit No. WA0020249 states:

*The Permittee shall develop and codify local limits for the follow pollutants and any other which the initial screening shows may adversely affect the POTW: Antimony, Arsenic, Cadmium, Chromium (both total and hexavalent), Copper, Cyanide, Fluoride, Total Petroleum Hydrocarbons, FOG (Fats, Oil and Grease), Lead, Mercury, Molybdenum, Nickel, pH, Selenium, Silver, Sulfate, Total Dissolved Solids, and Zinc (20 total). The Permittee shall also establish either limits or a strategy for controlling non-domestic loadings of compatible pollutants: BOD, TSS, and Ammonia through loading allocations, surcharges, or similar means.*

*The Permittee shall follow the methodology described in Ecology Publication: Guidance Manual for Developing Local Discharge Limits, Ecology Publication 11-10-056 to develop local limits for the protection of its treatment works on the following schedule:*

*1. The Permittee shall provide a **local limits development plan by July 15, 2017**. The Permittee shall perform an initial screening of their influent and effluent of all pollutants listed in Appendix A of this permit to determine which if any pollutants in addition to the 20 pollutants listed above are of potential concern to POTW processes and receiving waters. The Permittee must submit the results of this initial screening and the proposed list of pollutants of concern based on the test results to Ecology by December 1, 2017.*

The following scope of work includes development of the local limits development plan per the permit requirements listed above. Additional tasks including will be completed under a future scope of work.

#### Schedule

Assuming that CH2M receives notice to proceed by April 10, 2017, CH2M will deliver the draft Local Limits Development Plan within six weeks, by May 22, 2017. Allowing up to two weeks for City review and assuming one consolidated set of City comments is received by June 5, 2017, CH2M will finalize the draft Plan based on City comments and prepare a final draft Local Limits Development Plan for submittal to Ecology no later than July 15, 2017. This schedule allows up to six weeks for development of the final document.

The schedule for the work included in this scope allow for an accelerated schedule, which is recommended due to the often lengthy regulatory processes.

## General Project Assumptions

1. The City will be responsible for the timely collection of comments from reviewers, and resolving conflicting comments, and shall submit one set of consolidated comments to CH2M for each deliverable.
2. CH2M will reasonably rely upon the accuracy, timeliness, and completeness of the information provided by the City.
3. The scope of work described herein does not include development of a screening protocol and list of pollutants of concerns (POCs), sampling assistance, assistance with engagement of the City's Industrial Users, data and regulatory review, or development of local limits allocations and associated support. A separate or amended scope of work and agreement will be required to complete these tasks.

## Task 1 – Project Management

CH2M's project manager Erin Thatcher will perform the following project management tasks:

- Project set-up and project closure.
- Communicate regularly with the City's project manager as needed but no less frequently than every other week, and will maintain an action item and decision log as appropriate for the project.
- Prepare and submit a monthly invoice and brief progress report.
- Manage change: Monitor project for potential changes, anticipate changes whenever possible, and with City approval, modify Project tasks, task budgets, and approach to keep the overall project within budget and on schedule.

### Task 1 Deliverables

1. Three (3) monthly invoices with progress reports including a narrative of the work completed and estimated percent complete under each task.

## Task 2 – Prepare Local Limits Development Plan

The purposes of establishing local limits are several – but primarily are used to protect against the discharge of pollutants and at a quantity or rate that cause the POTW to violate water quality standards, impair beneficial use of biosolids, threaten worker safety or the public. Per Ecology's guidance, local limits are established by estimating safe loadings of pollutants to the treatment works, and then dividing available capacity over the non-domestic dischargers and establishing limits to prevent adverse effects at the point of discharge to the collection system.

CH2M will develop a Local Limits Development Plan that considers the unique Significant Industrial Users present in the service area, the particulars of unit processes at the Camas WWTP, and the water quality characteristics of the effluent diffuser mixing zone in the Columbia River, and the City's biosolids beneficial use program.

### Task 2 Deliverables

1. Draft Local Limits Development Plan (electronic submittal to the City – Microsoft Word document and Adobe pdf).
2. Final Draft Local Limits Development Plan for submittal to Ecology (electronic submittal only – Adobe pdf).
3. Written responses to Ecology review comments of the Final Draft Plan (electronic submittal only).

4. Final Local Limits Development Plan (2 hard copies for the City; 1 hard copy for Ecology).

## Cost

CH2M proposes to perform the services described for this scope of work for a not-to-exceed amount of \$14,584 per the following table:

Table 1. Fee Estimate			
Task	Labor Cost	Expenses	Total
Task 1 – Project Management	\$1,985	\$--	\$1,985
Task 2 – Prepare Local Limits Development Plan	\$12,549	\$50	\$12,599
<b>Total</b>	<b>\$14,534</b>	<b>\$50</b>	<b>\$14,584</b>

Labor will be billing at a 3.2 multiplier on raw salary costs.