Readme

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This document provides information about the raw data files downloaded from the ESP logs.

Updates

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02.23.2021 - reconciled sample ID list in the ESP logs with DNA extraction file IDs from the lab notebook

I. File List

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Gordon\_2019\_Scott\_Creek.csv CSV file containing ESP Gordon sampling data from ESP logs. Four instrument deployments - (1) 6/25/19 to 8/22/19, (2) 11/21/19 to 11/25/19 and (3) 12/03/19 to 1/30/20, and (4) 2/10/20 to 4/04/20

Moe\_2019\_Scott\_Creek\_1.csv CSV file containing ESP Moe sampling data from ESP logs. One instrument deployments - (1) 8/25/19 to 12/02/19

Moe\_2019\_Scott\_Creek\_2.csv CSV file containing ESP Moe sampling data from ESP logs. One instrument deployments - (1) 5/01/19 to 6/26/19

Waldo\_2019\_Scott\_Creek.csv CSV file containing ESP Waldo sampling data from ESP logs. One instrument deployments - (1) 2/22/2019 - 5/06/2020

II. Variables

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Protocol ESP sampling method

Start dates ESP start up (wake up) time - Format "YYYY-MM-DD HH:MM:SS - GMT Offset"

Start Date (Julian) ESP start up (wake up) time - Format Julian with origin at January 1 of current year

Sample Start Date ESP sampling start time - SP sampling start time - Format "YYYY-MM-DD HH:MM:SS - GMT Offset"

Sample Start Date (Julian) ESP sampling start time - Format Julian with origin at January 1 of current year

Sample End Date ESP sampling end time - FFormat "YYYY-MM-DD HH:MM:SS - GMT Offset"

Sample End Date (Julian) ESP sampling end time - Format Julian with origin at January 1 of current year

Time To Sample (hh:mm:ss) ESP sampling time duration - SP sampling start time - Format "HH:MM:SS"

Target Volume (ml) ESP target sample volume in milliliters; preset sampling volume defined in the mission

Actual Volume (ml) ESP actual sample volume in milliliters

Difference (ml) ESP difference between the target sample volume and the actual sample volume

III. Observation Notes

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A. Target Volumes = 2000 mL are generally deployed sample volumes

B. Target Volumes <= 1000 mL are generally control or test samples performed in the lab (not during the deployment)

C. Actual Volumes < 25 mL are generally samples that failed during the sampling protocol

IV. Instrument Deployment Notes

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Deployment Date Recovery Date Instrument Name Notes

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03/25/19 05/06/2019 Waldo

05/06/19 06/27/19 Moe

06/27/19 08/22/19 Gordon

08/25/19 12/04/19 Moe

12/04/19 02/04/20 Gordon

02/04/20 02/10/20 Waldo Instrument failure

02/12/20 04/04/20 Gordon