

# Peace River Water Use Plan

# **Peace River Baseline TDGP/Temperature**

**GMSWORKS-2** 

Year 9 Monitoring Program - Annual Report

**January 2017 to December 2017** 

Diversified Environmental Services Box 6263, Fort St. John, B.C. V1J 4H7

**MAY 2018** 

# PEACE RIVER WATER USE PLAN IMPLEMENTATION PROGRAM

# PEACE RIVER BASELINE TDGP/TEMPERATURE GMSWORKS-2 YEAR 9 MONITORING PROGRAM - ANNUAL REPORT January 2017 to December 2017

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## **EXECUTIVE SUMMARY**

Long-term monitoring of baseline water temperature and total dissolved gas pressure (TDGP) in the vicinity of the WAC Bennett and Peace Canyon dams is an essential component of the Peace Spill Protocol and the Peace River Flood Pulse Plan as set out by the Peace Water Use Plan Committee and the Peace Water Use Plan (WUP; BC Hydro 2010). Data collected through the monitoring of these parameters will be used to help assess and quantify the environmental effects of spills, as well as to provide information on the temperature regime of the Peace River under normal operating conditions and the influence of reservoir operations on downstream temperature. Long-term baseline temperature data will also be available for use in other projects and monitoring programs within and outside of the Peace WUP. This report summarizes data collection and maintenance activities conducted at 18 monitoring sites located between the WAC Bennett Dam forebay (Williston Reservoir) and a point approximately 6.5 km downstream of the confluence of the Pine and Peace rivers during Year 9 (Jan 01, 2017 to Dec 31, 2017).

In situ reference temperatures were recorded at the time of each field download event using a certified laboratory-grade mercury thermometer calibrated in increments of  $0.1^{\circ}$ C, for comparison to the corresponding hourly logger readings. Mean calibration errors for all temperature loggers were  $\leq 0.3^{\circ}$ C.

Results of Year 9 water temperature monitoring over the 132 km length of the study area indicate a moderating effect of hypolimnetic withdrawal from Williston Reservoir and seasonal effects associated with ambient air temperature. Minimum winter temperatures decrease and maximum summer temperatures increase with distance downstream from the facilities.

Some logistical problems were encountered in Year 9, primarily associated with ice flows in late March and early April 2017 and floating debris resulting from flood events in mid-May and early June, 2017. Short-term data gaps were observed at some stations located immediately downstream of the Halfway and Pine rivers due to loggers becoming temporarily stranded near the waterline by outflowing ice and large woody debris. Data gaps were generally filled by functioning back-up loggers at these locations. An intermittent technical problem with the Hobo<sup>TM</sup> optical transfer shuttle resulted in a periodical failure to re-launch some loggers with the correct program parameters at the end of the download sequence. This caused the loss or corruption of several quarterly data files during Year 9.

No spill events occurred in Year 9 and no TDGP recorders were deployed.

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# 1.0 INTRODUCTION

Long-term monitoring of baseline water temperature and total dissolved gas pressure (TDGP) in the vicinity of the WAC Bennett and Peace Canyon dams has been identified as an essential component of the Peace Spill Protocol (PSP) and the Peace River Flood Pulse Plan as set out by the Peace Water Use Plan Committee and the Peace Water Use Plan (WUP; BC Hydro 2010). Data collected through the monitoring of these parameters will be used to help assess and quantify the environmental effects of spills, as well as to provide information on the temperature regime of the Peace River under normal operating conditions and the influence of reservoir operations on downstream temperature. Long-term baseline temperature data will also be available for use by other projects and monitoring programs within and outside the Peace WUP.

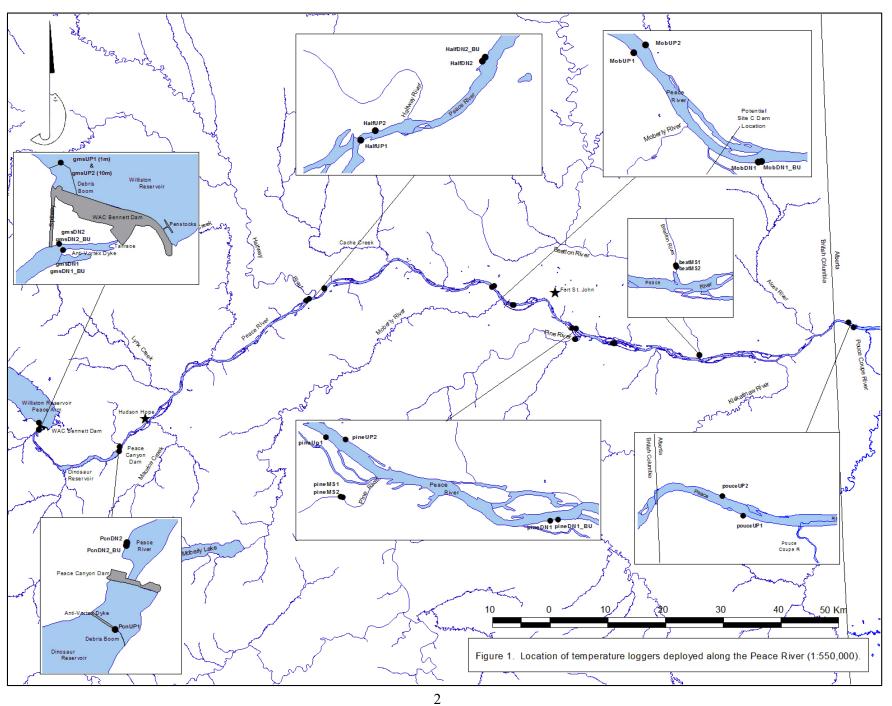
The objectives of this program are to collect data on spatial and temporal variations in water temperature between the WAC Bennett Dam forebay (Williston Reservoir) and a point 6.5 km downstream of the Pine River confluence for up to 10 years, and to maintain TDGP data loggers and related equipment for immediate deployment in the event of a spill at either the Gordon M. Shrum (GMS) or Peace Canyon (PCN) generating stations that is likely to meet the PSP criteria (2 days at 1,500cms or 500cms for 7+ days at PCN; 205cms for 2 days or more at GMS). This report summarizes data collection activities completed during Year 9 of the monitoring program.

## 2.0 METHODS

Temperature data presented in this summary were recorded between January 01, 2017 and December 31, 2017.

# 2.1 Temperature Monitoring

Upon commencement of the Peace River baseline temperature monitoring program in September 2008 (Year 1), 20 Tidbit v2 Model #UTBI-001 temperature sensor/logger units (0.2°C accuracy over 0°C to 50°C; 0.02°C resolution @ 25°C; Onset Corp., Bourne, MA) were deployed at 18 locations between the WAC Bennett Dam forebay and a site approximately 6.5 km downstream of the confluence of the Pine and Peace rivers (Fig. 1). During Years 2 and 3, revisions were made to monitoring site positioning and configuration to account for changes in bank conditions, to reduce the potential for logger stranding due to debris and flow level extremes, to increase redundancy in case of logger failure or loss, and to improve accessibility during high flow stage.



Monitoring stations are typically maintained in pairs at each general location in order to minimize the risk of data gaps in the event of logger stranding, failure, or loss. At Peace River locations upstream of major tributaries (Halfway, Moberly, and Pine rivers), monitoring stations are maintained on opposing banks of the river in order to provide redundancy and confirm temperature consistency across the channel. At Peace River locations downstream of major tributaries, paired station configuration was revised in 2011 (Year 3) from opposing banks to common banks in order to provide better redundancy in tributary outflow paths prone to stranding by passing ice and debris.

By late in Year 3, monitoring site configuration had been revised to include 21 data loggers at 18 monitoring sites. This configuration was maintained throughout Years 4 to 9. A summary of temperature monitoring station location information as of the end of Year 9 appears in Appendix I. A description of site configuration changes prior to Year 3 can be found in DES 2013.

In April 2016, six additional temperature loggers were added at 3 monitoring sites in the project area at the request of BC Hydro's Site C project (Fig. 1). These included 2 loggers on the left downstream bank of the lower Pine River mainstem (pineMS1 and pineMS2), 2 loggers on the left downstream bank of the lower Beatton River mainstem (beatMS1 and beatMS2), and 2 loggers on the left and right downstream banks of the Peace River, approximately 3 km upstream of the confluence with the Pouce Coupe River (pouceUP1 and pouceUP2). Although these additional sites are maintained and downloaded in conjunction with the Peace WUP monitoring program, results are reported in a separate summary report submitted to the Site C project. For information purposes, monitoring site details for the 6 additional loggers appear in Figure 1 and Appendices I, III and V.

Temperature loggers were programmed to record water temperature (°C) at 1 hour intervals throughout Year 9. Loggers continued to be housed in 38 mm x 100 mm steel nipples with threaded steel end caps, weighted with 5 kg steel anchors, and tethered to rooted trees or large bedrock fragments using 3.18 mm stainless steel cable.

Temperature data recorded and stored on each logger during 2017 were downloaded at approximately 3 month intervals by field transfer to a Model U-DTW-1 Hobo® waterproof shuttle (Onset Corp., Bourne, MA). Data from the shuttle were then downloaded to a desktop computer after each field session. Logger sites at the WAC Bennett Dam and Peace Canyon Dam forebay and tailrace locations were accessed by vehicle, while all Peace River mainstem sites were accessed by riverboat. Conditions and observations at the time of each download event were documented in the field on

hardcopy Download Information Forms and subsequently entered into digital format. *In situ* reference temperatures were recorded at the time of each field download event using a YSI® Professional Plus handheld multi-parameter instrument (Model No. E-528-ProPlus) or certified laboratory-grade mercury thermometer calibrated in increments of 0.1°C for comparison to the corresponding hourly logger readings (within 30 minutes of reference temperature).

Monitoring sites located within the downstream influence of the Halfway and Pine rivers have proven more susceptible to dislodgement by passing ice and debris and are inspected more frequently during the spring and summer, particularly after significant high water events (halfDN2, halfDN2BU, pineDN1, pineDN1BU). In addition to scheduled download events, temperature loggers at some Peace River mainstem locations were visually checked and re-positioned by DES staff during the course of activities unrelated to the temperature monitoring program.

Data files were exported as MS Office Excel and Access compatible text files using Onset® Hoboware Pro software (Ver. 2.3.0), amalgamated into single Excel worksheets for each data logger, and plotted relative to time. Readings representing air temperature during periods of logger stranding above the waterline have been removed from data displayed graphically in this summary report.

#### 2.1.1 Year 9 Site Logistics

Few logistical problems were encountered during Year 9, partially due to refinements in station location and configuration made in Years 2 and 3. Occasional stranding of loggers above the waterline during Year 9 was largely associated with ice flows originating from the break-up of the Halfway, Moberly, Pine and Beatton rivers and the accumulation of debris on tether cables during tributary freshet and storm related flood events in mid-May and early June 2017. Loggers located downstream of the Halfway, Pine and Moberly river confluences were stranded in late April by debris originating from tributaries, which coincided with low discharge releases from BC Hydro facilities upstream.

An intermittent technical problem with the Hobo<sup>TM</sup> optical transfer shuttle resulted in the loss or corruption of several quarterly data files during Year 9. The shuttle periodically failed to re-launch some loggers with the correct program parameters at the end of the download sequence. Due to the intermittent nature of the glitch and the fact that the corrupted files were not be identified until the following download 3 months later, diagnosis of the problem was delayed. The unit was replaced in April 2018.

# 2.2 Total Dissolved Gas Pressure (TDGP)

Six Model TBO-DL6(F) TDGP monitors (Common Sensing Inc., Clark Fork, ID) were purchased by BC Hydro in Year 1, and stored at the office of Diversified Environmental Services (DES) in Fort St. John, BC. Appendix II contains an inventory of dissolved gas pressure meters and probes. Meters and probes were checked for functionality on a quarterly basis when not in use and battery charge was maintained. Initialization check routines were repeated and the condition of each probe oxygen sensor membrane was examined for evidence of ZnO precipitate build-up. In addition to routine quarterly maintenance records, calibration statements were obtained for meters that were returned to the manufacturer for repair or factory re-calibration. None of the TDGP monitors were deployed in 2017.

# 3.0 RESULTS AND DISCUSSION

Figures 2 to 12 are presented following Section 4.0.

# 3.1 Temperature Monitoring

Reference temperatures recorded during download events are presented in Appendix III along with corresponding logger temperatures and indicated error values. None of the loggers in use in 2017 exhibited a correctable zero error greater than 0.3°C.

Several loggers were replaced in Year 9, as they were approaching the end of their predicted lifespan of six years or were recording low voltage readings. Logger serial numbers listed in Appendix I correspond to the units in use at the time of the January 2018 data downloads.

A summary of temperature data collection results and related conditions and limitations are discussed in the following 6 sections, which correspond to the 6 major generating station and tributary features. Download Information Forms completed during each download are provided in Appendix IV.

#### 3.1.1 WAC Bennett Dam Forebay and Tailrace

The WAC Bennett Dam forebay temperature monitoring station is located at the GMS spillway log boom and consists of a vertical cable suspended from the northernmost log boom steel buoy. Temperature is recorded with 2 loggers, the first located at 1 m depth (gmsUP1) and the second suspended at a depth of 10 m (gmsUP2). Both loggers recorded continuous water temperature data throughout Year 9 (Figure 2). Although seasonal thermal stratification of Williston Reservoir is evident, the relatively small temperature differential between the 2 loggers (mean=0.3°C) suggests

the primary thermocline lies deeper than 10 m. Maximum temperature differentials up to 6.3°C were recorded during a period of significant daytime surface warming during the first two weeks of August, when annual ambient temperatures peaked. Temperature profiles recorded further up the Peace Reach during unrelated work in August 2012 and October 2017 indicated a thermocline at approximately 26 m and 20 m depth, respectively (B. Culling, pers. obs.).

The GMS tailrace monitoring sites are located on opposite banks, approximately 700 m downstream of the outflow manifolds. Logger gmsDN1 records the temperature of water flowing from the south tailrace manifold, which originates from the shallowest penstock depth. Logger gmsDN2 samples water from the north tailrace manifold, which originates from a deeper withdrawal point. The tethered steel capsule at both stations contains a back-up logger in addition to the primary unit (gmsDN1BU and gmsDN2BU). All 4 loggers collected seamless data through Year 9.

As in previous years, water temperatures at gmsDN2 showed the lowest annual variation and are consistently cooler in the summer and warmer in the winter than gmsDN1 flow, which originates closer to the surface of Williston Reservoir. Temperatures recorded at gmsUP1 (forebay surface) exhibit greater annual variation than tailrace values (Fig. 3). Temperatures recorded at gmsDN1 and gmsDN2 exhibit a wide range of hourly and daily fluctuations during the summer period compared to gmsUP1, due to operational changes in water intake for power generation and maintenance activities.

# 3.1.2 Peace Canyon Dam Forebay and Tailrace

The data logger recording temperature at the Peace Canyon Dam forebay (pcnUP1) is attached to the anti-vortex dam log boom, located approximately 450 m upstream of the dam face. The pcnUP1 data file for the period between January 1 and January 4, 2017 was corrupted by a faulty launch by the Hobo optical shuttle in October 2016. Temperature data were recovered for the remainder of Year 9 (16:00 hrs on January 4 to December 31, 2017).

Both Peace Canyon Tailrace loggers (pcnDN2 and pcnDN2BU) recorded continuous data throughout Year 9. A comparison of PCN tailrace temperature (pcnDN2) and GMS tailrace temperature (mean of gmsDN1 and gmsDN2) indicates a relatively small temperature change through Dinosaur Reservoir during all seasons (Fig. 4). For example, no temperature difference was recorded in winter (December through February) and a mean differential of 0.6°C was recorded in summer (June through August). Figure 4 also illustrates slight thermal stratification of the Peace Canyon forebay associated with surface warming during peak ambient temperatures between the late June and early August 2017. For example,

PCN forebay temperatures at 1 m depth (pcnUP1) were as much as 8.4 °C warmer than water exiting the PCN powerhouse (pcnDN2) between June 30 and July 25, 2017.

## 3.1.3 Halfway River Confluence

Peace River water temperature was monitored at points approximately 1 km upstream and 2.5 km downstream of the Halfway River confluence. Halfway upstream stations were maintained on opposing banks throughout Year 9 (halfUP1 and halfUP2). Data sets from both upstream loggers for the period between January 1 and March 10, 2017 were corrupted by a faulty optical shuttle and could not be recovered. Logger halfUP1 recorded continuous data for the remainder of the year (March 10 to December 31, 2017), while logger halfUP2 became intermittently stranded during periods of low water between July and October after being pulled partially to shore by curious persons on July 27, 2017, 19 days after the July download session. No cross-channel differential was recorded between the opposing upstream stations.

Both Halfway downstream loggers (halfDN2 and halfDN2BU) were located on the left downstream bank within the influence of Halfway River inputs. Logger halfDN2 recorded continuous water temperature data throughout Year 9 (Fig. 5). Logger halfDN2BU was swung into shallow water by ice and debris from the Halfway River in early April and intermittently recorded air temperature during periods of low flow prior to the April 21 download.

As in previous years, Peace River temperature values recorded at stations upstream and downstream of the Halfway River confluence differed markedly. Temperatures collected downstream of the confluence exhibited a higher degree of daily and annual variability (Fig. 5). Halfway River inputs typically have a cooling effect during the winter (October through April) and a warming effect during the summer (May through September). Temperatures within the Halfway River mainstem upstream of its confluence with the Peace are not recorded as part of this project.

#### 3.1.4 Moberly River Confluence

Peace River water temperature was monitored at points approximately 2.6 km upstream and 2.5 km downstream of the Moberly River confluence. Upstream stations were maintained on opposing banks throughout Year 9 (mobUP1 and mobUP2). Logger mobUP1 recorded continuous water temperature data throughout Year 9 despite being partially swung to shore by debris or ice prior to the April 27, 2017 download session. Logger mobUP2 was also partially swung to shore by ice or debris prior to the April 27, 2017 download session and recorded ambient air temperature

intermittently between March 28 and April 27, 2017. During a high water event prior to the July download session, logger mobUP2 became imbedded in sediment, which may have moderated water temperature fluctuations readings. A slight cross-channel differential of 0.1°C was recorded between July 14 and August 31, 2017.

The Moberly downstream logger and downstream back-up logger are both located on the south bank of the Peace River, within the influence of outfall from the Moberly River. Both loggers also lie immediately downstream of the footprint of the proposed Site C dam. Logger mobDN1BU recorded continuous water temperature data throughout Year 9. Logger mobDN1 was found partially swung to shore and exposed at extremely low water waters during the April 27, 2017 download session and appears to have intermittently recorded ambient air temperatures between March 28 and April 27, 2017.

As in previous years, Peace River water temperatures recorded within the influence of the Moberly River were cooler than the Moberly upstream stations from January through March and warmer than the upstream stations from May through July (Fig. 6). The influence of the Moberly River is significantly less than that of the Halfway River and appears to correspond to the difference in relative contributed volumes. Temperatures within the Moberly River upstream of its confluence with the Peace River are not recorded as part of this project.

#### 3.1.5 Pine River Confluence

Peace River water temperature was monitored at points approximately 2.0 km upstream and 6.5 km downstream of the Pine River confluence. During Year 9, upstream stations were maintained on opposing banks (pineUP1 and pineUP2) and both downstream loggers (pineDN1 and pineDN1BU) were located on the south river bank, within the influence of inputs from the Pine River. Logger pineUP1 recorded continuous hourly data throughout Year 9. Logger pineUP2 collected continuous hourly data from January 1 to October 19, however, data from October 19 to December 31, 2017 was corrupted by a faulty optical shuttle and could not be recovered. A slight cross-channel differential of 0.2°C was recorded between July 1 and August 31, 2017.

Both Pine downstream loggers (pineDN1 and pineDN1BU) exhibited periodic data gaps as a result of dislodgement by ice flows from the Pine River in early April 2017 and debris flow from the Pine River during storm events in May and June 2017. Logger pineDN1 was partially swung to shore by debris prior to each download session. As a result, air temperatures were recorded

frequently in April and sporadically in November and early December 2017. Logger pineDN1BU became exposed briefly in mid-April due to extremely low water conditions and was swung to shore and stranded in mid-June 2017 due to debris accumulations on the anchor cable. Pine downstream temperature data in Figure 7 are presented as a composite of both pineDN1 and pineDN1BU (pineDN COMP).

Temperature values recorded within the downstream influence of the Pine River were typically cooler than the Pine River upstream stations from late September through December and slightly warmer from July through mid-September (Fig. 7). A temperature monitoring station was established and maintained in the lower Pine River mainstem during Year 9 at the request of the BC Hydro Site C project. Results are discussed in a separate Site C project summary report.

Figure 8 presents comparative seasonal temperature changes over the 132 km length of the study area between the WAC Bennett Dam tailrace (gmsDN2) and the Pine River confluence (pineUP1) during 2017 and Figure 9 compares daily mean ambient air temperature at the Fort St. John airport with daily mean Peace River water temperature at the Pine river confluence (pineUP1). Data appearing in these figures include Halfway and Pine confluence stations not directly influenced by their respective tributary inputs. The graphs illustrate the moderating effect of hypolimnetic withdrawal from Williston Reservoir on downstream temperatures in the Peace River and the seasonal impact of ambient air temperature on downstream water temperatures, i.e., winter temperatures decrease and summer temperatures increase with distance downstream. Brief periods of homogeneity occurred in early April and mid-October, with gradients inverting on either side of these dates to form the typical annual pattern.

Figures 10 and 11 represent temporal comparisons of daily mean water temperature during Year 9 (2017) against the average of 2009 to 2016 daily mean temperatures for WAC Bennett Dam tailrace (gmsDN2) and Pine River confluence (pineUP1) sites, respectively. Water temperatures recorded in the WAC Bennett Dam tailrace (north manifold) show some deviation from the 2009-2016 average. Variability in tailrace temperature is largely due to operational factors at the GMS generating station and may include variations in reservoir elevation and changes in volume contribution from hypolimnetic and epilimnetic withdrawal at various generating outputs. An analysis of these influences is beyond the scope of this summary report. Downstream Peace River water temperatures recorded immediately above the Pine River confluence (pineUP1) during Year 9 generally track the 2009-2016 average, with occasional variation due to weather events including above and below

normal periods in ambient temperature and increased tributary contributions during precipitation events.

### 4.0 RECOMMENDATIONS

The 6.35 mm galvanized cable used during the initial years of the program was proven to have low resistance to corrosion. With the exception of several locations where segments of galvanized cable remain well above the waterline, all the tethers have been replaced with stainless steel cable. The remaining galvanized cable sections will be monitored for corrosion during Year 10.

Monitoring sites halfDN2BU and pineDN1 have proven the most susceptible to dislodgement by ice and debris flow originating from the Halfway and Pine Rivers. Cable tethers on these 2 loggers will be replaced with galvanized chain tethers during Year 10 in an effort to minimize data gaps resulting from stranding.

The battery life of the Tidbit v2 Model #UTBI-001 temperature sensors is estimated at approximately 5-6 years. Scheduled replacement of units should continue in 2018 as per the table presented in Appendix V.

In 2015, aluminum information tags reading "DATA RECORDER, PLEASE DO NOT DISTURB" were attached to the tether cables of loggers potentially accessible to the public and previously subject to tampering by curious persons. These tags will be monitored and maintained though Year 10.

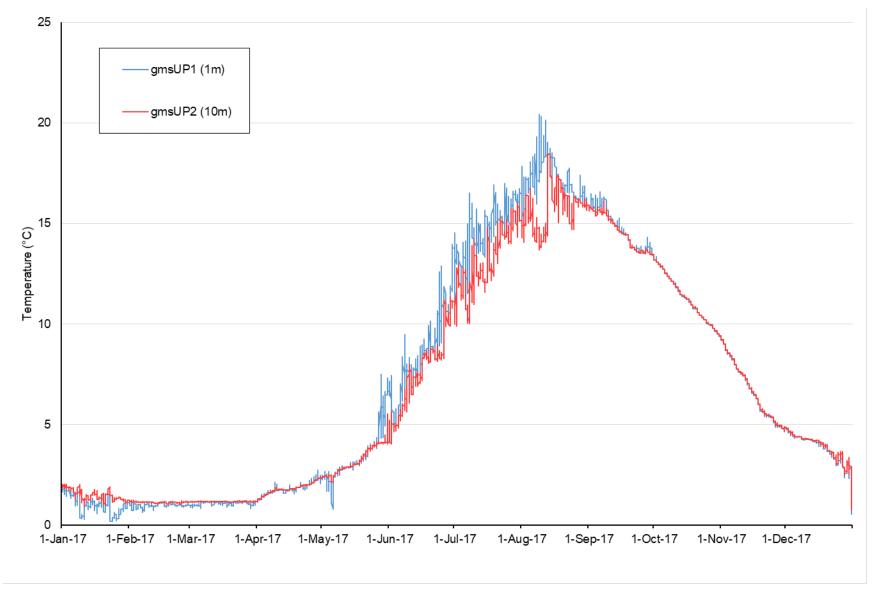


Figure 2. Comparison of hourly water temperature at WAC Bennett Dam forebay station from 1 m depth (gmsUP1) and 10 m depth (gmsUP2) during Year 9, January 01, 2017 – December 31, 2017.

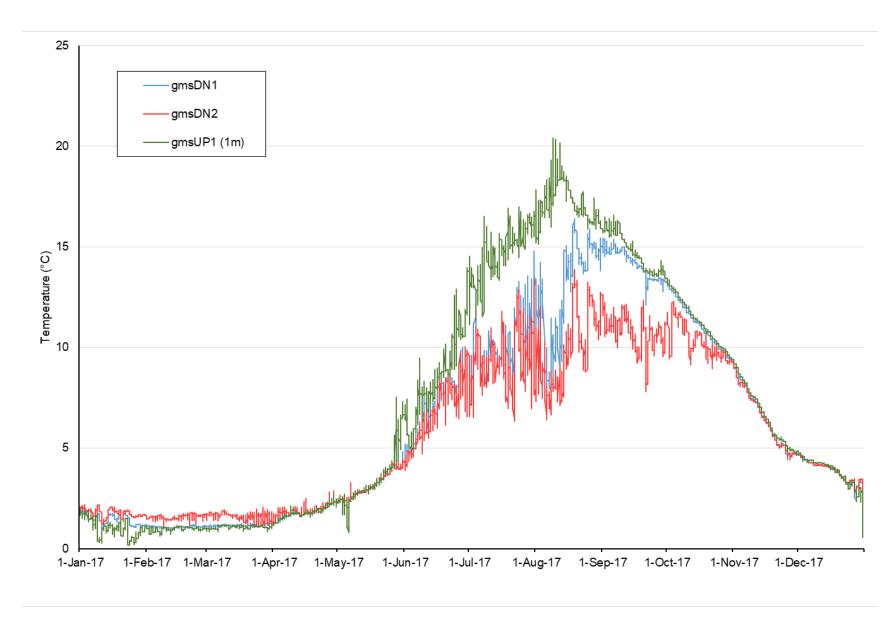


Figure 3. Comparison of hourly water temperature at WAC Bennett Dam forebay surface (gmsUP1), and WAC Bennett Dam tailrace (gmsDN1 and gmsDN2) during Year 9, January 01, 2017 – December 31, 2017.

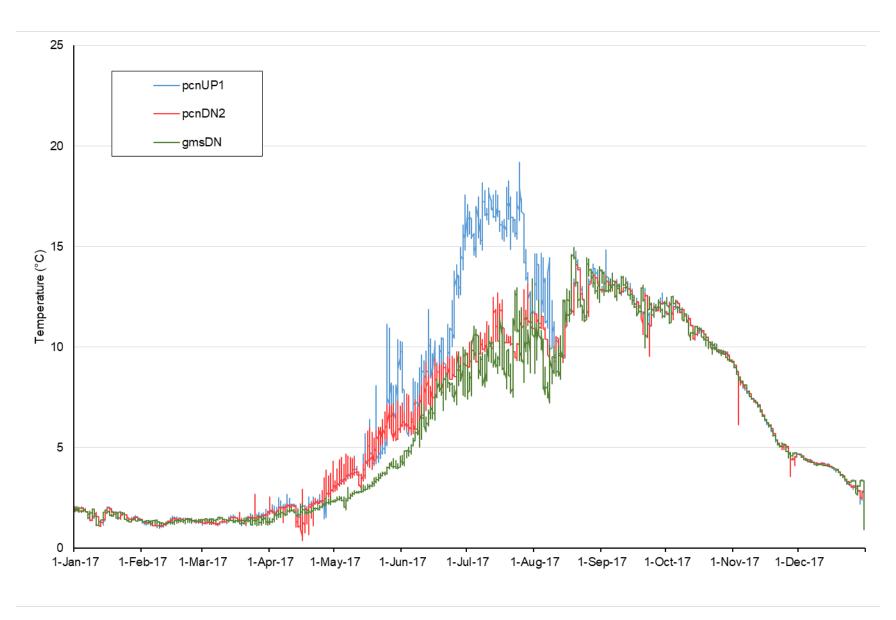


Figure 4. Comparison of hourly water temperature at Peace Canyon forebay surface (pcnUP1), Peace Canyon tailrace (pcnDN2), and WAC Bennett Dam tailrace (gmsDN) during Year 9, January 01, 2017 – December 31, 2017.

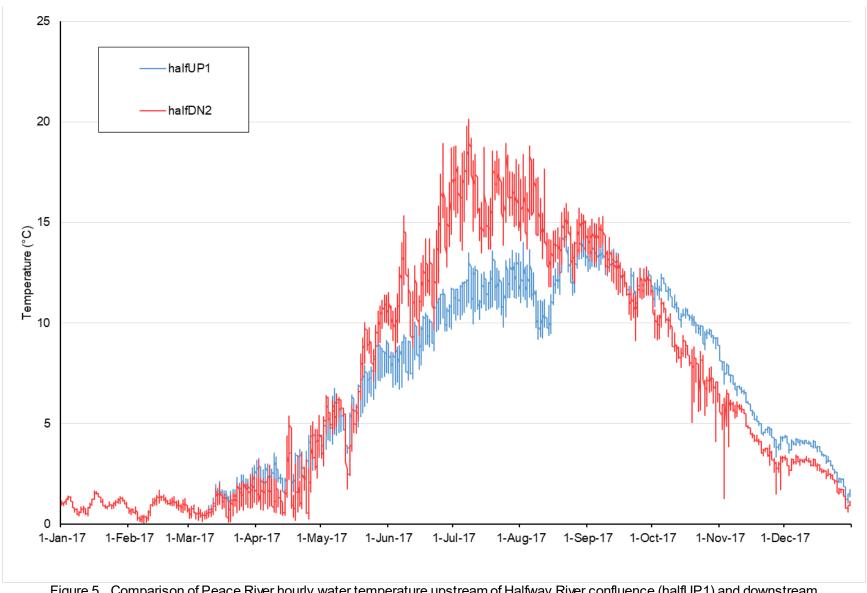


Figure 5. Comparison of Peace River hourly water temperature upstream of Halfway River confluence (halfUP1) and downstream of Halfway River confluence (halfDN2) during Year 9, January 01, 2017 – December 31, 2017.

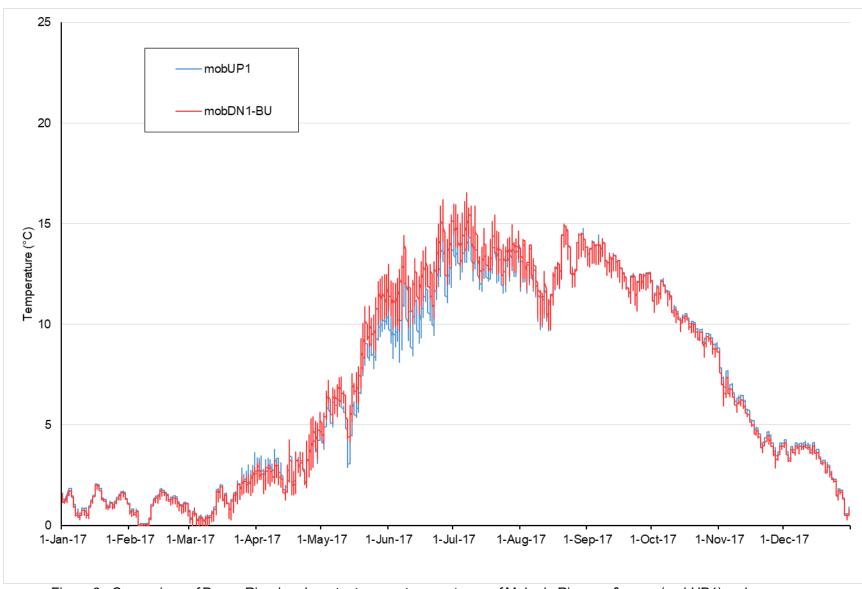


Figure 6. Comparison of Peace River hourly water temperature upstream of Moberly River confluence (mobUP1) and downstream of Moberly River confluence (mobDN1) during Year 9, January 01, 2017 – December 31, 2017.

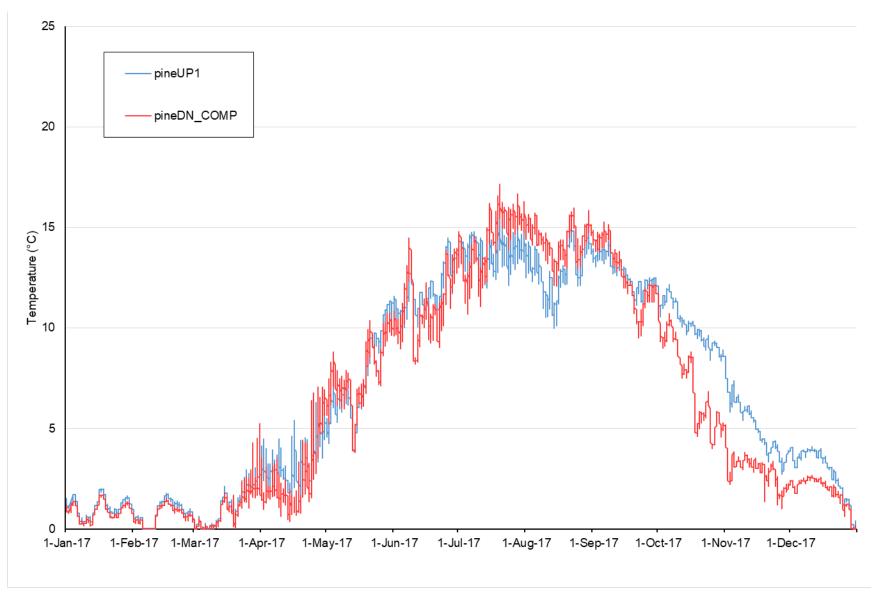


Figure 7. Comparison of Peace River hourly water temperature upstream of Pine River confluence (pineUP1) and downstream of Pine River confluence (pineDN\_COMP) during Year 9, January 01, 2017 – December 31, 2017.

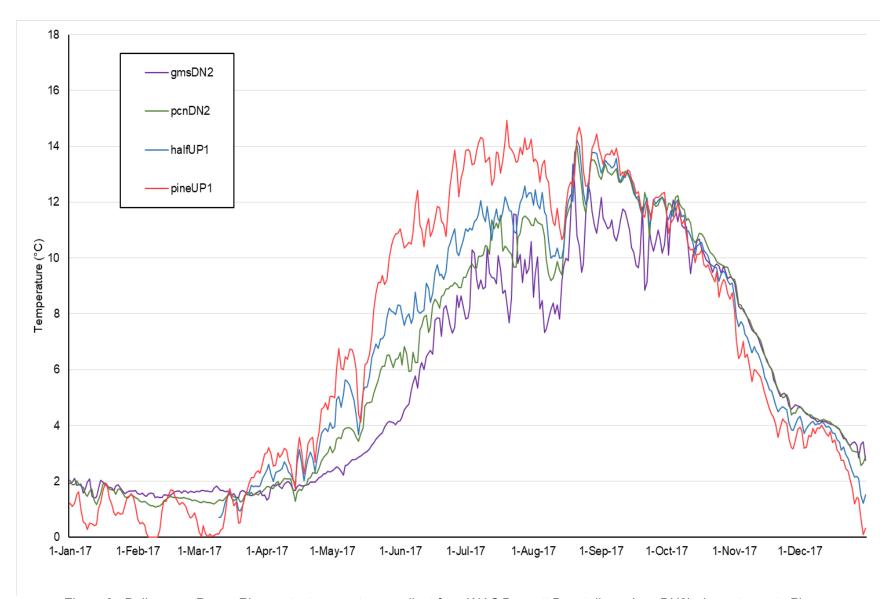


Figure 8. Daily mean Peace River water temperature gradient from WAC Bennett Dam tailrace (gmsDN2), downstream to Pine River confluence (pineUP1), during Year 9, January 01, 2017 – December 31, 2017.

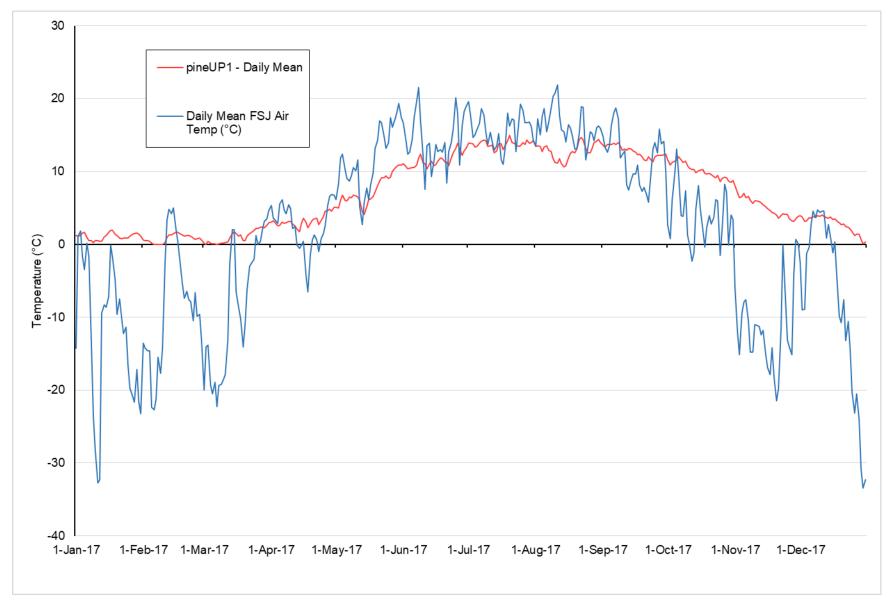


Figure 9. Comparison of Peace River daily mean water temperature upstream of the Pine River confluence (pineUP1) with daily mean ambient air temperature at the Fort St. John airport during Year 9, January 01, 2017 to December 31, 2017.

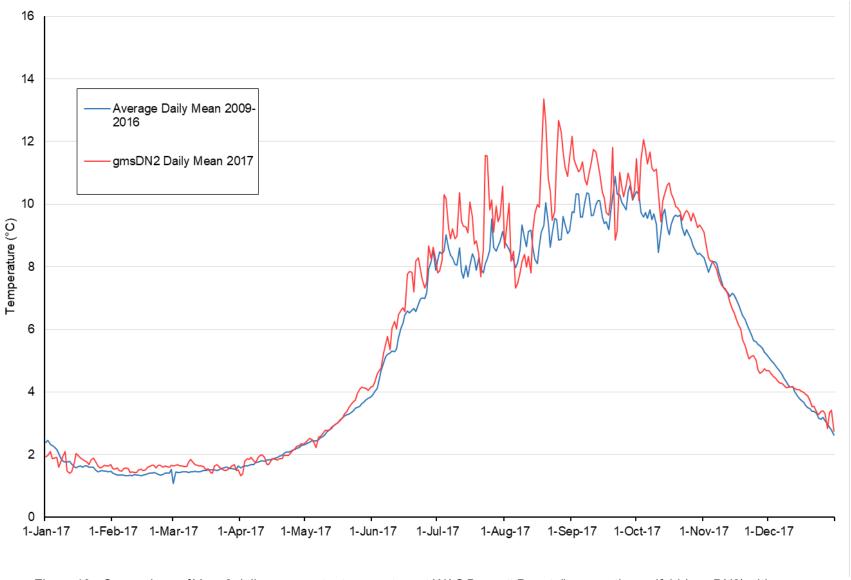


Figure 10. Comparison of Year 9 daily mean water temperature at WAC Bennett Dam tailrace north manifold (gmsDN2) with average of 2009 to 2016 daily mean water temperature at gmsDN2.

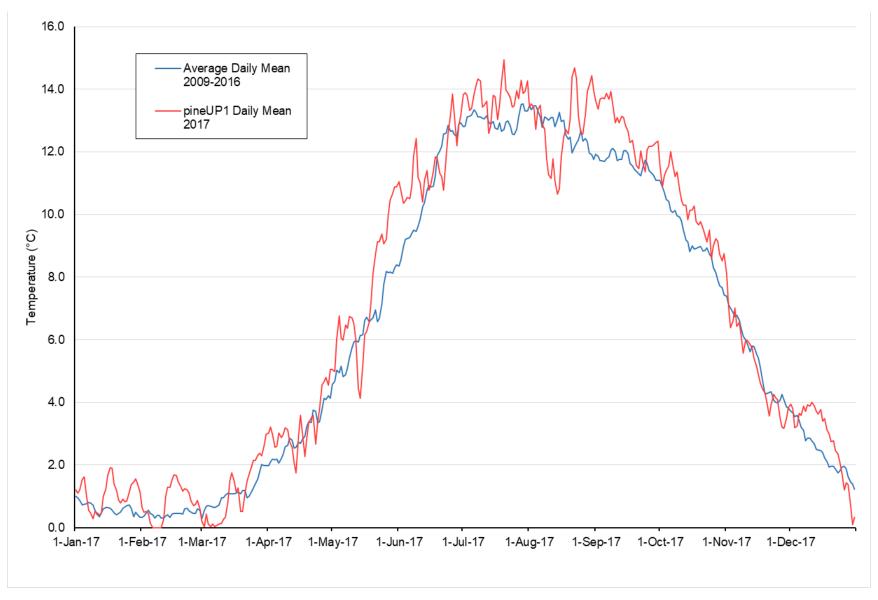


Figure 11. Comparison of Year 9 daily mean water temperature upstream of the Pine River confluence (pineUP1) with average of 2009 to 2016 daily mean water temperature at pineUP1.

# **REFERENCES**

BC Hydro. 2010. Peace River Water Use Plan; monitoring program terms of reference – Peace River Baseline TGP/Temp. BC Hydro, Vancouver, BC. 7pp.

DES (Diversified Environmental Services). 2013. Peace River Water Use Plan Peace River Baseline TDGP/Temperature GMSWorks-2 - Year 4 Monitoring Program - Interim Report January 2012 to December 2012. Prepare for BC Hydro, Vancouver, BC. 24pp + appendices.

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Appendix I. Temperature monitoring station location information for Year 9, January 01, 2017 to December 31, 2017.

| Site ID   | Serial # | Location                             | UTM (Z<br>East | one 10) North | Comment                                   |
|-----------|----------|--------------------------------------|----------------|---------------|---|
| gmsUP1    | 10676155 | WAC Bennett Forebay                  | 548841         | 6209022       | steel buoy; 1 m depth                     |
| gmsUP2    | 10676160 | WAC Bennett Forebay                  | 548841         | 6209022       | steel buoy; 10 m depth                    |
| gmsDN1    | 10635063 | GMS Tailrace                         | 548881         | 6207761       | southbank; deflection wier riprap         |
| gmsDN1BU  | 2038613  | GMS Tailrace                         | 548881         | 6207761       | southbank; deflection wier riprap         |
| gmsDN2    | 10669739 | GMS Tailrace                         | 548828         | 6207836       | north bank; riprap below Tunnel portal #3 |
| gmsDN2BU  | 2038614  | GMS Tailrace                         | 548828         | 6207836       | north bank; riprap below Tunnel portal #3 |
| pcnUP1    | 10635067 | Peace Canyon Forebay                 | 562710         | 6204068       | anti-vortex log boom; 1 m depth           |
| pcnDN2    | 10156317 | Peace Canyon Tailrace                | 562803         | 6204854       | north bank; rock slab                     |
| pcnDN2BU  | 10635061 | Peace Canyon Tailrace                | 562803         | 6204854       | north bank; rock slab                     |
| HalfUP1   | 20097151 | Halfway Confluence - upstream        | 595165         | 6230094       | south bank; spruce tree                   |
| HalfUP2   | 20030829 | Halfway Confluence - upstream        | 595569         | 6230541       | north bank; spruce tree                   |
| HalfDN2   | 10669748 | Halfway Confluence - downstream      | 598198         | 6232169       | north bank; balsam poplar                 |
| HalfDN2BU | 10156314 | Halfway Confluence - downstream      | 598179         | 6232144       | north bank; balsam poplar                 |
| MobUP1    | 10887852 | Moberly Confluence - upstream        | 627158         | 6232349       | south bank; alder                         |
| MobUP2    | 10669754 | Moberly Confluence - upstream        | 627501         | 6232563       | north bank; spruce tree                   |
| MobDN1    | 10676146 | Moberly Confluence - downstream      | 630583         | 6229281       | south bank; alder                         |
| MobDN1BU  | 10676147 | Moberly Confluence - downstream      | 630402         | 6229303       | south bank; alder                         |
| PineUP1   | 10669747 | Pine Confluence - upstream           | 641034         | 6225375       | south bank; alder                         |
| PineUP2   | 9767573  | Pine Confluence - upstream           | 641653         | 6225304       | north bank; balsam poplar                 |
| PineDN1   | 10156319 | Pine Confluence - downstream         | 648101         | 6222802       | south bank; alder                         |
| PineDN1BU | 10893055 | Pine Confluence - downstream         | 648362         | 6222823       | south bank; alder                         |
| PineMS1   | 10893069 | Pine Mainstem - upstream of Peace    | 641762         | 6223599       | north bank; steel piling                  |
| PineMS2   | 10887856 | Pine Mainstem - upstream of Peace    | 641677         | 6223590       | north bank; balsam poplar                 |
| BeatMS1   | 10930722 | Beatton Mainstem - upstream of Peace | 663101         | 6220759       | east bank; spruce                         |
| BeatMS2   | 20030828 | Beatton Mainstem - upstream of Peace | 663121         | 6221232       | east bank; birch                          |
| PouceUP1  | 10893059 | Pouce Coupe confluence - upstream    | *316873        | 6225211       | south bank; birch; *UTM Zone 11           |
| PouceUP2  | 10893068 | Pouce Coupe confluence - upstream    | *316146        | 6226036       | south bank; spruce; *UTM Zone 11          |

Appendix II. Inventory of dissolved gas pressure meters and probes.

| Meter Number | Serial Number | Probe Number | Cable Length (ft) |
|--------------|---------------|--------------|-------------------|
| 1            | 231           | 1            | 50                |
| 2            | 228           | 2            | 100               |
| 3            | 230           | 3            | 100               |
| 4            | 227           | 4            | 100               |
| 5            | 226           | 5            | 100               |
| 6            | 229           | 6            | 100               |

**Appendix III.** Reference temperature values and corresponding logger fix values recorded during download events in Year 9, January 01, 2017 to December 31, 2017.

| Logger ID                               | Date       | Fix Temp | Ref Temp    | Error       |
|---|------------|----------|-------------|-------------|
| gmsUP1                                  | 13-Jul-17  | 14.2     | 14.5        | -0.3        |
| (SN 10676155)                           | 20-Oct-17  | 10.8     | 10.6        | 0.2         |
| (                                       |            |          |             |             |
| gmsUP2                                  | 21-Apr-17  | -        | -           |             |
| (SN 10666180)                           | 13-Jul-17  | 12.8     | 12.8        | 0.0         |
| (                                       | 20-Oct-17  | 10.8     | 10.6        | 0.2         |
|   |            |          |             | -           |
| gmsDN1                                  | 21-Apr-17  | 1.9      | 1.9         | 0.0         |
| (SN 10635063)                           | 13-Jul-17  | 10.0     | 10.2        | -0.2        |
| ,                                       | 20-Oct-17  | 10.6     | 10.6        | 0.0         |
|   | 10-Jan-18  | 1.8      | 1.7         | 0.1         |
|   |            |          |             |             |
| gmsDN1_BU                               | 21-Apr-17  | 2.0      | 1.9         | 0.1         |
| (SN 2038613)                            | 13-Jul-17  | 10.1     | 10.2        | -0.1        |
| (========)                              | 20-Oct-17  | 10.8     | 10.6        | 0.2         |
|   | 10-Jan-18  | 1.9      | 1.7         | 0.2         |
|   |            |          | •••         | V           |
| gmsDN2                                  | 21-Apr-17  | 1.9      | 2.2         | -0.3        |
| (SN 10669739)                           | 13-Jul-17  | 9.8      | 10.0        | -0.2        |
| (311 13333133)                          | 20-Oct-17  | 9.9      | 9.8         | 0.1         |
|   | 10-Jan-18  | 1.8      | 1.7         | 0.1         |
|   | 10 0411 10 | 1.0      |             | 0           |
| gmsDN2_BU                               | 21-Apr-17  | 2.0      | 2.2         | -0.2        |
| (SN 2038614)                            | 13-Jul-17  | 9.9      | 10.0        | -0.1        |
| (0.11 = 00000 1.1)                      | 20-Oct-17  | 10.0     | 9.8         | 0.2         |
|   | 10-Jan-18  | 1.9      | 1.7         | 0.2         |
|   |            |          | •••         | V           |
| pcnUP1                                  | 21-Apr-17  | 2.2      | 2.2         | 0.0         |
| (SN 10635067)                           | 13-Jul-17  | 16.5     | 16.2        | 0.3         |
| (====,                                  | 20-Oct-17  | 10.4     | 10.2        | 0.2         |
|   | 10-Jan-18  | 1.4      | 1.1         | 0.3         |
|   |            |          |             | 0.0         |
| pcnDN2                                  | 21-Apr-17  | 2.1      | 2.1         | 0.0         |
| (SN 10156317)                           | 13-Jul-17  | 10.5     | 10.4        | 0.1         |
| (====,                                  | 20-Oct-17  | 10.4     | 10.4        | 0.0         |
|   | 10-Jan-18  | 1.2      | 1.3         | -0.1        |
|   |            |          |             | <b>.</b>    |
| pcnDN2 BU                               | 21-Apr-17  | 2.1      | 2.1         | 0.0         |
| (SN 10635061)                           | 20-Oct-17  | 10.4     | 10.4        | 0.0         |
| (====,                                  | 10-Jan-18  | 1.5      | 1.3         | 0.2         |
|   |            | 0        |             | J. <u>L</u> |
| halfUP1                                 | 21-Apr-17  | 3.0      | 3.1         | -0.1        |
| (SN 9767573)                            | 8-Jul-17   | 13.4     | 13.5        | -0.1        |
| (=::0:0:0)                              | 27-Oct-17  | 9.5      | 9.4         | 0.1         |
|   | ••••       | 2.2      | <b>5.</b> . | <b>.</b> .  |
| halfUP1                                 | 3-Jan-18   | 0.9      | 0.9         | 0.0         |
| (SN 20097151)                           | 2 32       | 0.0      | 2.0         |             |
| (====================================== |            |          |             |             |

**Appendix III.** Reference temperature values and corresponding logger fix values recorded during download events in Year 9, January 01, 2017 to December 31, 2017, cont.

| Logger ID                | Date      | Logger Temp | Reference Temp | Error |
|--------------------------|-----------|-------------|----------------|-------|
| halfUP2                  | 21-Apr-17 | 2.8         | 2.9            | -0.1  |
| (SN 10156319)            | 8-Jul-17  | 13.5        | 13.5           | 0.0   |
|                          | 27-Oct-17 | 9.5         | 9.4            | 0.1   |
| halfUP2<br>(SN 20030829) | 3-Jan-18  | 1.2         | 0.9            | 0.3   |
| halfDN2                  | 21-Apr-17 | 2.1         | 2.5            | -0.4  |
| (SN 10669748)            | 8-Jul-17  | 20.1        | 20.5           | -0.4  |
|                          | 27-Oct-17 | 6.8         | 6.7            | 0.1   |
|                          | 3-Jan-18  | 0.9         | 0.7            | 0.2   |
| halfDN2_BU               | 8-Jul-17  | 19.9        | 20.5           | -0.6  |
| (SN 10156314)            | 27-Oct-17 | 6.8         | 6.7            | 0.1   |
| ,                        | 3-Jan-18  | 1.0         | 0.7            | 0.3   |
| mobUP1                   | 27-Apr-17 | 4.0         | 4.1            | -0.1  |
| (SN 10887852)            | 14-Jul-17 | 11.9        | 11.8           | 0.1   |
| ,                        | 19-Oct-17 | 9.7         | 9.5            | 0.2   |
|                          | 4-Jan-18  | 0.8         | 0.5            | 0.3   |
| mobUP2                   | 27-Apr-17 | 4.1         | 3.8            | 0.3   |
| (SN 10669754)            | 14-Jul-17 | 12.0        | 11.9           | 0.1   |
|                          | 19-Oct-17 | 9.6         | 9.3            | 0.3   |
|                          | 4-Jan-18  | 0.8         | 0.5            | 0.3   |
| mobDN1                   | 14-Jul-17 | 12.3        | 12.3           | 0.0   |
| (SN 10676146)            | 19-Oct-17 | 9.6         | 9.6            | 0.0   |
|                          | 4-Jan-18  | 0.9         | 0.6            | 0.3   |
| mobDN1_BU                | 27-Apr-17 | 4           | 3.9            | 0.1   |
| (SN 10676147)            | 14-Jul-17 | 12.4        | 12.3           | 0.1   |
|                          | 19-Oct-17 | 9.6         | 9.6            | 0.0   |
|                          | 4-Jan-18  | 0.8         | 0.6            | 0.2   |
| pineUP1                  | 27-Apr-17 | 5.0         | 4.7            | 0.3   |
| (SN10669747)             | 14-Jul-17 | 12.1        | 12.6           | -0.5  |
|                          | 19-Oct-17 | 9.5         | 9.1            | 0.4   |
|                          | 4-Jan-18  | 0.8         | 0.5            | 0.3   |
| pineUP2                  | 27-Apr-17 | 3.8         | 3.9            | -0.1  |
| (SN10635062)             | 14-Jul-17 | 12.3        | 12.0           | 0.3   |

**Appendix III.** Reference temperature values and corresponding logger fix values recorded during download events in Year 9, January 01, 2017 to December 31, 2017, cont.

| Logger ID      | Date      | Logger Temp | Reference Temp | Error |
|----------------|-----------|-------------|----------------|-------|
| pineDN1        | 28-Apr-17 | 5.4         | 5.3            | 0.1   |
| (SN 2226322)   | 14-Jul-17 | 13.9        | 13.8           | 0.1   |
|                | 16-Oct-17 | 8.2         | 8.2            | 0.0   |
|                | 4-Jan-18  | 0.6         | 0.3            | 0.3   |
| pineDN1 BU     | 14-Jul-17 | 13.7        | 13.8           | -0.1  |
| (SN 10893055)  | 16-Oct-17 | 8.3         | 8.2            | 0.1   |
| (014 10030033) | 4-Jan-18  | 0.6         | 0.3            | 0.3   |
|                |           |             |                |       |
| pineMS1        | 02-Jun-17 | 9.6         | 9.5            | 0.1   |
| (SN 10893069)  | 14-Jul-17 | 15.4        | 15.4           | 0.0   |
|                | 19-Oct-17 | 3.8         | 3.8            | 0.0   |
| pineMS2        | 14-Jul-17 | 15.5        | 15.4           | 0.0   |
| (SN 10887856)  | 19-Oct-17 | 3.8         | 3.8            | 0.0   |
| beatMS1        | 2-Jun-17  | 17.0        | 16.8           | 0.2   |
| (SN 10930722)  | 16-Oct-17 | 5.2         | 5.0            | 0.2   |
| (014 10330722) | 10-001-17 | 0.2         | 0.0            | 0.2   |
| beatMS2        | 2-Jun-17  | 17.0        | 16.8           | 0.2   |
| (SN 20030828)  | 16-Oct-17 | 5.1         | 5.0            | 0.1   |
| pouceUP1       | 27-Apr-17 | 5.6         | 5.5            | 0.1   |
| (SN 10893059)  | 15-Jul-17 | 15.0        | 15.1           | -0.1  |
| (611 10000000) | 19-Oct-17 | 7.6         | 7.4            | 0.2   |
|                | 17-Jan-18 | 0.3         | 0.1            | 0.2   |
|                |           |             |                |       |
| pouceUP2       | 27-Apr-17 | 5.5         | 5.6            | -0.1  |
| (SN 10893068)  | 15-Jul-17 | 14.8        | 14.9           | -0.1  |
|                | 17-Jan-18 | 0.3         | 0.2            | 0.1   |

Appendix IV. Year 9 download information forms, January 01, 2017 to December 31, 2017.

| SITE ID gms   | L FUCE IZIATI  |  |  |                                  |                       |                           |
|---|--|--|--|----------------------------------|-----------------------|---------------------------|
| 9.1.2   |  |  | MONITORING - DOWN GMS Forebay  | BANK                             | SKINATIONT            | O I XIVI                  |
| LOGGER TYPE   | Tidbit   | LOGGER SERIAL #  | 10676155   | UTM                              | 548841                | 6209022                   |
| DOWNLOAD DATE   |  | 2017 DOWNLOAD TII  |  | CREW                             | BC :                  |                           |
| TEST RECORDER TYP   |  | WATER TEMP   | AIR TEMP 2   | ICECOND                          |                       | none                      |
| TEST NESSON DER TITT  | 101  |  | ER CONDITIONS  | ICECOND                          | TIONS                 | Hone                      |
| WATER DEPTH   | cm <b>DIS</b>  |  | REASON   |                                  |                       |                           |
| BURIED no   | FUNCTIONA  |  | DRY, HEIGHT ABOVE WATE   | P cm                             | TETHER TYPE           | ataal buay                |
| BOINED III  | TONOTIONA  |  | OMMENTS  | en                               | TEITIERTITE           | steel buoy                |
| Not dow nloaded due to  | unsafe ice condi   | tions  |  |                                  |                       |                           |
|   | LIDO   |  |  |                                  |                       |                           |
|   | UP2 LOCATIO  | _  | GMS Forebay  | BANK                             | 540044                | 6000000                   |
| LOGGER TYPE<br>DOWNLOAD DATE  | Tidbit 21 Apr  | LOGGER SERIAL # 2017 DOWNLOAD TII  | 10676160<br><b>ME</b> n/a  | UTM                              | 548841<br>BC          | 6209022<br>TF             |
| TEST RECORDER TYP   |  | WATER TEMP   | AIR TEMP 2   | ICE COND                         |                       | none                      |
|   | 75.  |  | ER CONDITIONS  | .52 50110                        |                       | -                         |
| WATER DEPTH   |  | L <b>ODGED</b> no  | REASON   |                                  |                       |                           |
| <b>BURIED</b> no  | FUNCTIONA  |  | ORY, HEIGHT ABOVE WATE   | R cm                             | TETHER TYPE           | steel buoy                |
|   |  | C  | OMMENTS  |                                  |                       |                           |
| SITE ID gms<br>LOGGER TYPE<br>DOWNLOAD DATE<br>TEST RECORDER TYP  |  | LOGGER SERIAL #<br>2017 DOWNLOAD TII<br>WATER TEMP   | 2.2 AIR TEMP 2   | BANK<br>UTM<br>CREW<br>ICE COND  | 548828<br>BC          | north<br>6207836          |
| WATER DEPTH   | 150 cm <b>DIS</b>  |  | ER CONDITIONS REASON   |                                  |                       | TE<br>none                |
| WATER DEPTH BURIED no   | 150 cm DIS   | L <b>ODGED</b> no  | REASON   | R cm                             | TETHER TYPE           | none                      |
| WATER DEPTH BURIED no   | 150 cm DIS   | L w et IF C  |  | R cm                             | TETHER TYPE           |                           |
| BURIED no  Back-up logger gmsDN both dow nloads OK cable ok (stainless ste  | FUNCTIONA<br>22-BU 2038614 in seel cable section a   | LODGED no L w et IF C C same capsule 11:29   | REASON<br>DRY, HEIGHT ABOVE WATE<br>OMMENTS  | R cm                             | TETHER TYPE           | none                      |
| Buried no  Back-up logger gmsDN both dow nloads OK cable ok (stainless ste Primary Logger-Rpl #11   | FUNCTIONA<br>22-BU 2038614 in sell cable section a<br>1, SN 10669739 @   | L wet IF C same capsule 11:29  ttached to galvanized of 11:28  | REASON<br>DRY, HEIGHT ABOVE WATE<br>OMMENTS  | R cm                             | TETHER TYPE           | none                      |
| BURIED no  Back-up logger gmsDN both dow nloads OK cable ok (stainless ste Primary Logger-Rpl #11  SITE ID gms LOGGER TYPE                                  | FUNCTIONA  22-BU 2038614 in sell cable section at 1, SN 10669739 @  EDN1 LOCATIONAL LOCATION IN CONTRACT CONTRA | LODGED no L wet IF C C same capsule 11:29  ttached to galvanized of 11:28  ON LOGGER SERIAL #                  | REASON DRY, HEIGHT ABOVE WATE OMMENTS  able around rock)  GMS Tailrace LDB 10635063  | BANK<br>UTM                      | south<br>548881       | rock<br>rock              |
| Buried no  Back-up logger gms DN both dow nloads OK cable ok (stainless ste Primary Logger-Rpl #11  SITE ID gms LOGGER TYPE DOWNLOAD DATE                   | PUNCTIONA  22-BU 2038614 in selection at 1, SN 10669739 @  SDN1 LOCATION  Tidbit  21 Apr   | LODGED no L wet IF C  same capsule 11:29  ttached to galvanized of 11:28  ON LOGGER SERIAL # 2017 DOWNLOAD TII | REASON ORY, HEIGHT ABOVE WATE OMMENTS  able around rock)  GMS Tailrace LDB 10635063 ME 11:43                                     | BANK<br>UTM<br>CREW              | south<br>548881<br>BC | rock rock 6207761         |
| Back-up logger gmsDN both dow nloads OK cable ok (stainless ste Primary Logger-Rpl #11  | FUNCTIONA  22-BU 2038614 in selection at 1, SN 10669739 @  EDN1 LOCATION  Tidbit  21 Apr   | ttached to galvanized of 211:28  DN  LOGGER SERIAL # 2017 DOWNLOAD TII  WATER TEMP                             | REASON ORY, HEIGHT ABOVE WATE OMMENTS  able around rock)  GMS Tailrace LDB 10635063 ME 11:43 1.9 AIR TEMP 2                      | BANK<br>UTM                      | south<br>548881<br>BC | rock<br>rock              |
| BURIED no  Back-up logger gms DN both dow nloads OK cable ok (stainless ste Primary Logger-Rpl #11  SITE ID gms LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYP | FUNCTIONA  22-BU 2038614 in selection at 1, SN 10669739 @  EDN1 LOCATION  Tidbit  21 Apr  E YSI  | ttached to galvanized of 211:28  DN  LOGGER SERIAL # 2017 DOWNLOAD TII  WATER TEMP                             | REASON ORY, HEIGHT ABOVE WATE OMMENTS  able around rock)  GMS Tailrace LDB 10635063 ME 11:43                                     | BANK<br>UTM<br>CREW              | south<br>548881<br>BC | rock rock 6207761         |
| BURIED no  Back-up logger gms DN both dow nloads OK cable ok (stainless ste Primary Logger-Rpl #11  SITE ID gms LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYP | PUNCTIONA  22-BU 2038614 in selection at 1, SN 10669739 @  EDN1 LOCATION  Tidbit  21 Apr  E YSI  | ttached to galvanized of 211:28  DN  LOGGER SERIAL # 2017 DOWNLOAD TII  WATER TEMP  LOGG  LOGGED no            | REASON ORY, HEIGHT ABOVE WATE OMMENTS  able around rock)  GMS Tailrace LDB 10635063 ME 11:43 1.9 AIR TEMP 2  ER CONDITIONS       | BANK<br>UTM<br>CREW<br>ICE CONDI | south<br>548881<br>BC | rock rock 6207761         |
| Buried no  Back-up logger gms DN both dow nloads OK cable ok (stainless ste Primary Logger-Rpl #11  SITE ID gms LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYP | FUNCTIONA  22-BU 2038614 in selection and the section and the  | ttached to galvanized of 211:28  DN LOGGER SERIAL # 2017 DOWNLOAD TII WATER TEMP LOGG LOGGED no L wet IF E     | REASON ORY, HEIGHT ABOVE WATE OMMENTS  able around rock)  GMS Tailrace LDB 10635063 ME 11:43 1.9 AIR TEMP 2 ER CONDITIONS REASON | BANK<br>UTM<br>CREW<br>ICE CONDI | south<br>548881<br>BC | rock rock 6207761 TE none |

|  | O PEACE I                   | RIVER TEMP            | <b>ERATURE MOI</b>                  | NITORING - F                         | OOWNI | OAD INF             | ORMATION             | I FORM                    |
|--|-----------------------------|-----------------------|-------------------------------------|--------------------------------------|-------|---------------------|----------------------|---------------------------|
| )  |                             | OCATION               |                                     | CN Forebay                           |       | BANK                |                      | north                     |
| OGGER TYPE   | Tidbit                      |                       | SERIAL #                            | 10635067                             |       | UTM                 | 562710               | 6204068                   |
| OWNLOAD DATE   | 21 A                        |                       | WNLOAD TIME                         | 10:04                                | 1     | CREW                |                      | BC TE                     |
| EST RECORDER T   |                             |                       | <b>RTEMP</b> 2.2                    | AIR TEMP                             | 3.0   | ICE CONE            |                      | none                      |
|  |                             |                       |                                     | ONDITIONS                            |       |                     |                      |                           |
| WATER DEPTH  | 100 cm                      | DISLODGED             |                                     | REASON                               |       |                     |                      |                           |
| BURIED no  |                             | TIONAL wet            |                                     | HEIGHT ABOVE                         | WATER | cr                  | n TETHER TYP         | PE log boom               |
| 110  | . 0.10                      | W Ct                  |                                     | MENTS                                |       | OI.                 |                      | - log boott               |
| download OK<br>all stainless steel ca<br>Rpl #10                       | ble ok                      |                       |                                     |                                      |       |                     |                      |                           |
| SITE ID  | aanDN2 1.6                  | CATION                | D                                   | CNI Tailmana                         |       | DANK                |                      | n a walla                 |
| SITE ID<br>LOGGER TYPE   | ocnDN2 LC<br>Tidbit         | DCATION               | SERIAL #                            | CN Tailrace<br>10156317              |       | BANK<br>UTM         | 562803               | north<br>6204854          |
| DOWNLOAD DATE  |                             |                       | WNLOAD TIME                         | 9:39                                 |       | CREW                |                      | 6204854<br>BC TE          |
| EST RECORDER T   |                             |                       | RTEMP 2.1                           | AIRTEMP                              | 3.0   | ICE CONE            |                      | none                      |
|  |                             |                       |                                     | ONDITIONS                            |       |                     |                      |                           |
| WATER DEPTH  |                             | DISLODGED             |                                     | REASON                               |       |                     |                      |                           |
| <b>BURIED</b> no   | FUNC                        | TIONAL wet            |                                     | HEIGHT ABOVE                         | WATER | cr                  | n TETHER TYP         | PE rock                   |
|  |                             |                       | COMI                                | MENTS                                |       |                     |                      |                           |
| OGGER TYPE   | nDN2_BU <b>LC</b><br>Tidbit | LOGGER                | POSERIAL #                          | CN Tailrace<br>10635061<br>9:44      |       | BANK<br>UTM<br>CREW | 562803               | north<br>6204854<br>BC TE |
| TEST RECORDER T  |                             | •                     | R TEMP 2.1                          | AIR TEMP                             | 3.0   | ICE CONE            |                      | none                      |
|  |                             |                       |                                     | CONDITIONS                           | 0.0   | .OL OOK             |                      |                           |
| WATER DEPTH  | 100 cm                      | DISLODGED             |                                     | REASON                               |       |                     |                      |                           |
| <b>BURIED</b> no   | FUNC                        | TIONAL wet            | ,                                   | HEIGHT ABOVE                         | WATER | cr                  | n TETHER TYP         | PE rock                   |
|  |                             |                       | COMI                                | MENTS                                |       |                     |                      |                           |
| dow nload OK<br>all stainless steel ca<br>Anchored to same r<br>Rpl #9 |                             | 2                     |                                     |                                      |       |                     |                      |                           |
|  |                             |                       |                                     |                                      |       | BANK                |                      |                           |
| SITEID   | LC                          | OCATION               |                                     |                                      |       |                     |                      |                           |
|  | LC                          |                       | SERIAL #                            |                                      |       | UTM                 |                      |                           |
| OGGER TYPE   |                             | LOGGER                | SERIAL #<br>WNLOAD TIME             |                                      |       | UTM<br>CREW         |                      |                           |
| OGGER TYPE   |                             | LOGGER                | WNLOAD TIME<br>R TEMP               | AIR TEMP                             |       |                     | DITIONS              |                           |
| OGGER TYPE<br>DOWNLOAD DATE<br>TEST RECORDER T                         | YPE                         | LOGGER<br>DO'<br>WATE | WNLOAD TIME<br>R TEMP<br>LOGGER C   | ONDITIONS                            |       | CREW                | DITIONS              |                           |
| OGGER TYPE DOWNLOAD DATE TEST RECORDER T WATER DEPTH                   | YPE                         | LOGGER DO' WATE       | WNLOAD TIME<br>R TEMP<br>LOGGER C   | CONDITIONS<br>REASON                 | 14/4  | CREW<br>ICE CONE    |                      |                           |
| OGGER TYPE<br>DOWNLOAD DATE<br>EST RECORDER T                          | YPE                         | LOGGER<br>DO'<br>WATE | WNLOAD TIME R TEMP LOGGER C IF DRY, | CONDITIONS<br>REASON<br>HEIGHT ABOVE | WATER | CREW<br>ICE CONE    | DITIONS  TETHER TYPE | DE                        |
| OGGER TYPE DOWNLOAD DATE EST RECORDER T WATER DEPTH                    | YPE                         | LOGGER DO' WATE       | WNLOAD TIME R TEMP LOGGER C IF DRY, | CONDITIONS<br>REASON                 | WATER | CREW<br>ICE CONE    |                      | PE                        |
|  | YPE                         | LOGGER DO' WATE       | WNLOAD TIME R TEMP LOGGER C IF DRY, | CONDITIONS<br>REASON<br>HEIGHT ABOVE | WATER | CREW<br>ICE CONE    |                      | PE                        |
| OGGER TYPE OOWNLOAD DATE EST RECORDER T WATER DEPTH                    | YPE                         | LOGGER DO' WATE       | WNLOAD TIME R TEMP LOGGER C IF DRY, | CONDITIONS<br>REASON<br>HEIGHT ABOVE | WATER | CREW<br>ICE CONE    |                      | Œ                         |
| OGGER TYPE<br>OOWNLOAD DATE<br>EST RECORDER T<br>WATER DEPTH           | YPE                         | LOGGER DO' WATE       | WNLOAD TIME R TEMP LOGGER C IF DRY, | CONDITIONS<br>REASON<br>HEIGHT ABOVE | WATER | CREW<br>ICE CONE    |                      | DE                        |
| OGGER TYPE DOWNLOAD DATE EST RECORDER T WATER DEPTH                    | YPE                         | LOGGER DO' WATE       | WNLOAD TIME R TEMP LOGGER C IF DRY, | CONDITIONS<br>REASON<br>HEIGHT ABOVE | WATER | CREW<br>ICE CONE    |                      | DE                        |
| OGGER TYPE OOWNLOAD DATE EST RECORDER T WATER DEPTH                    | YPE                         | LOGGER DO' WATE       | WNLOAD TIME R TEMP LOGGER C IF DRY, | CONDITIONS<br>REASON<br>HEIGHT ABOVE | WATER | CREW<br>ICE CONE    |                      | DE                        |

| BC HYDRO PEA  | CF RIVER TEMP  | FRATURE MON  | IITORING - DOW  | NI OAD INF   | ORMATION F           | ORM  |
|---|--|--|---|--|----------------------|--|
| SITE ID half UP2  | LOCATION   |  | Halfway River   | BANK   |                      | north  |
|   |  | R SERIAL #   | 10156319  | UTM  | 595569               | 6230541                                      |
| DOWNLOAD DATE 21  |  | OWNLOAD TIME   | 14:00   | CREW   | BC                   |  |
| TEST RECORDER TYPE  |  | ERTEMP 2.9   | AIR TEMP 5  | ICE COND   |                      | none   |
|   |  | LOGGER CO  |   |  |                      |  |
| WATER DEPTH 150   | cm <b>DISLODGED</b>  | _  | REASON  |  |                      |  |
|   | FUNCTIONAL wet   |  | HEIGHT ABOVE WAT  | FR cn  | TETHER TYPE          | coruso                                       |
| BOILED 110  | TONOTION L   | COMM   |   |  | TEMETITE             | spruce                                       |
| RPL# 11   |  |  |   |  |                      |  |
| dow nload OK  |  |  |   |  |                      |  |
| stainless cable OK, buried by   | y sloughing bank mate  | erial  |   |  |                      |  |
|   |  |  |   |  |                      |  |
|   |  |  |   |  |                      |  |
|   |  |  |   |  |                      |  |
|   |  |  |   |  |                      |  |
| CITE ID   | LOCATION   |  | 11-KD   | DANII  | "                    |  |
| SITE ID half UP1  LOGGER TYPE Ti  | LOCATION  dbit LOGGE   | u/s of   | Halfway River<br>9767573  | BANK   | south 595165         | 6230094                                      |
| DOWNLOAD DATE 21  |  | OWNLOAD TIME   | 14:12   | CREW   | 595 165<br>BC        |  |
| TEST RECORDER TYPE  |  | ER TEMP 3.1  | AIR TEMP 5  | ICE COND   |                      | none   |
|   |  | LOGGER CO  | ONDITIONS   |  |                      |  |
| WATER DEPTH 200   | cm DISLODGED   |  | REASON  |  |                      |  |
| BURIED no I   | FUNCTIONAL wet   |  | HEIGHT ABOVE WAT  | <b>ER</b> cn   | TETHER TYPE          | spruce tree                                  |
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   |  | COMM   | MENTS   |  |                      |  |
| labelled as "halfUP1"   |  |  |   |  |                      |  |
| dow nload OK<br>cable OK  |  |  |   |  |                      |  |
| cable OK  |  |  |   |  |                      |  |
|   |  |  |   |  |                      |  |
|   |  |  |   |  |                      |  |
|   |  |  |   |  |                      |  |
|   |  |  |   |  |                      |  |
|   |  |  |   |  |                      |  |
| SITE ID half DN2  | LOCATION   |  | Halfw ay River  | BANK   |                      | north  |
| LOGGER TYPE Ti  | dbit <b>LOGGEF</b>   | R SERIAL #   | 10669748  | UTM  | 598198               | 6232169                                      |
| LOGGER TYPE TI<br>DOWNLOAD DATE 21  | dbit LOGGEF Apr 2017 DC  | R SERIAL #<br>OWNLOAD TIME   | 10669748<br>13:37   | UTM<br>CREW  | ВС                   | 6232169<br>TE                                |
| LOGGER TYPE Ti  | dbit LOGGEF Apr 2017 DC  | R SERIAL # OWNLOAD TIME ER TEMP 2.5  | 10669748<br>13:37<br><b>AIR TEMP</b> 5  | UTM  | ВС                   | 6232169                                      |
| LOGGER TYPE TI DOWNLOAD DATE 21 TEST RECORDER TYPE  | dbit LOGGER Apr 2017 DO YSI WATE   | R SERIAL # DWNLOAD TIME ER TEMP 2.5 LOGGER CO  | 10669748<br>13:37<br>AIR TEMP 5<br>ONDITIONS  | UTM<br>CREW  | ВС                   | 6232169<br>TE                                |
| LOGGER TYPE TI DOWNLOAD DATE 21 TEST RECORDER TYPE  WATER DEPTH 100   | dbit LOGGEF Apr 2017 DC  | R SERIAL # DWNLOAD TIME ER TEMP 2.5 LOGGER CO  | 10669748<br>13:37<br><b>AIR TEMP</b> 5  | UTM<br>CREW<br>ICE COND  | ВС                   | 6232169<br>TE<br>none                        |
| LOGGER TYPE TI DOWNLOAD DATE 21 TEST RECORDER TYPE  WATER DEPTH 100   | dbit LOGGEF Apr 2017 DC YSI WATE   | R SERIAL # DWNLOAD TIME ER TEMP 2.5 LOGGER CO  | 10669748 13:37 AIR TEMP 5 ONDITIONS REASON HEIGHT ABOVE WAT   | UTM<br>CREW<br>ICE COND  | BC<br>DITIONS        | 6232169<br>TE                                |
| LOGGER TYPE TI DOWNLOAD DATE 21 TEST RECORDER TYPE  WATER DEPTH 100   | dbit LOGGEF Apr 2017 DC YSI WATE   | R SERIAL # DWNLOAD TIME ER TEMP 2.5  LOGGER CO  NO F  IF DRY, H  | 10669748 13:37 AIR TEMP 5 ONDITIONS REASON HEIGHT ABOVE WAT   | UTM<br>CREW<br>ICE COND  | BC<br>DITIONS        | 6232169<br>TE<br>none                        |
| LOGGER TYPE  TI DOWNLOAD DATE  21 TEST RECORDER TYPE  WATER DEPTH BURIED  NO  water very low dow nload OK   | dbit LOGGEF Apr 2017 DC YSI WATE   | R SERIAL # DWNLOAD TIME ER TEMP 2.5  LOGGER CO  NO F  IF DRY, H  | 10669748 13:37 AIR TEMP 5 ONDITIONS REASON HEIGHT ABOVE WAT   | UTM<br>CREW<br>ICE COND  | BC<br>DITIONS        | 6232169<br>TE<br>none                        |
| LOGGER TYPE  TI DOWNLOAD DATE  21 TEST RECORDER TYPE  WATER DEPTH BURIED  NO  water very low dow nload OK stainless steel cable OK  | dbit LOGGEF Apr 2017 DC YSI WATE   | R SERIAL # DWNLOAD TIME ER TEMP 2.5  LOGGER CO  NO F  IF DRY, H  | 10669748 13:37 AIR TEMP 5 ONDITIONS REASON HEIGHT ABOVE WAT   | UTM<br>CREW<br>ICE COND  | BC<br>DITIONS        | 6232169<br>TE<br>none                        |
| LOGGER TYPE  TI DOWNLOAD DATE  21 TEST RECORDER TYPE  WATER DEPTH BURIED  NO  water very low dow nload OK   | dbit LOGGEF Apr 2017 DC YSI WATE   | R SERIAL # DWNLOAD TIME ER TEMP 2.5  LOGGER CO  NO F  IF DRY, H  | 10669748 13:37 AIR TEMP 5 ONDITIONS REASON HEIGHT ABOVE WAT   | UTM<br>CREW<br>ICE COND  | BC<br>DITIONS        | 6232169<br>TE<br>none                        |
| LOGGER TYPE  TI DOWNLOAD DATE  21 TEST RECORDER TYPE  WATER DEPTH BURIED  NO  water very low dow nload OK stainless steel cable OK  | dbit LOGGEF Apr 2017 DC YSI WATE   | R SERIAL # DWNLOAD TIME ER TEMP 2.5  LOGGER CO  NO F  IF DRY, H  | 10669748 13:37 AIR TEMP 5 ONDITIONS REASON HEIGHT ABOVE WAT   | UTM<br>CREW<br>ICE COND  | BC<br>DITIONS        | 6232169<br>TE<br>none                        |
| LOGGER TYPE  TI DOWNLOAD DATE  21 TEST RECORDER TYPE  WATER DEPTH BURIED  NO  water very low dow nload OK stainless steel cable OK  | dbit LOGGEF Apr 2017 DC YSI WATE   | R SERIAL # DWNLOAD TIME ER TEMP 2.5  LOGGER CO  NO F  IF DRY, H  | 10669748 13:37 AIR TEMP 5 ONDITIONS REASON HEIGHT ABOVE WAT   | UTM<br>CREW<br>ICE COND  | BC<br>DITIONS        | 6232169<br>TE<br>none                        |
| LOGGER TYPE  TI DOWNLOAD DATE  21 TEST RECORDER TYPE  WATER DEPTH BURIED  NO  water very low dow nload OK stainless steel cable OK  | dbit LOGGEF Apr 2017 DC YSI WATE   | R SERIAL # DWNLOAD TIME ER TEMP 2.5  LOGGER CO  NO F  IF DRY, H  | 10669748 13:37 AIR TEMP 5 ONDITIONS REASON HEIGHT ABOVE WAT   | UTM<br>CREW<br>ICE COND  | BC<br>DITIONS        | 6232169<br>TE<br>none                        |
| LOGGER TYPE DOWNLOAD DATE 21 TEST RECORDER TYPE  WATER DEPTH BURIED  w ater very low dow nload OK stainless steel cable OK RpI #15  | dbit LOGGER Apr 2017 DO YSI WATE  cm DISLODGED FUNCTIONAL wet  | R SERIAL # DWNLOAD TIME ER TEMP 2.5  LOGGER CO  NO F  OF THE DRY, F  | 10669748 13:37 AIR TEMP 5 ONDITIONS REASON HEIGHT ABOVE WAT   | UTM CREW ICE COND  | BC<br>DITIONS        | 6232169<br>TE<br>none<br>balsam pop          |
| LOGGER TYPE DOWNLOAD DATE 21 TEST RECORDER TYPE  WATER DEPTH BURIED  NO  water very low dow nload OK stainless steel cable OK Rpl #15  SITE ID  half DN2_BURIED  TOWNLOAD DATE 21 100 21 21 21 21 21 21 21 21 21 21 21 21 21  | dbit LOGGER Apr 2017 DO YSI WATE  CM DISLODGED FUNCTIONAL W et   | R SERIAL # DWNLOAD TIME ER TEMP 2.5  LOGGER CO  NO F  OF THE DRY, F  | 10669748 13:37 AIR TEMP 5 ONDITIONS REASON HEIGHT ABOVE WAT   | CREW ICE COND  ER CO   | DITIONS  TETHER TYPE | 6232169<br>TE<br>none                        |
| LOGGER TYPE DOWNLOAD DATE 21 TEST RECORDER TYPE  WATER DEPTH BURIED  NO  water very low dow nload OK stainless steel cable OK Rpl #15  SITE ID  half DN2_BURIED  TOWNLOAD DATE 21 100 21 21 21 21 21 21 21 21 21 21 21 21 21  | dbit LOGGER Apr 2017 DO YSI WATE  CM DISLODGED FUNCTIONAL W et  J LOCATION dbit LOGGER   | R SERIAL # DWNLOAD TIME ER TEMP 2.5  LOGGER CO  NO F  OFF DRY, F  COMIN  | 10669748 13:37 AIR TEMP 5 ONDITIONS REASON HEIGHT ABOVE WAT   | UTM CREW ICE COND  | BC<br>DITIONS        | 6232169 TE none balsam pop  north 6263144    |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE  WATER DEPTH BURIED  NO  water very low dow nload OK stainless steel cable OK RpI #15  SITE ID  half DN2_BU LOGGER TYPE  Ti  | dbit LOGGER Apr 2017 DO YSI WATE  CM DISLODGED FUNCTIONAL W et  J LOCATION dbit LOGGER Apr 2017 DO   | R SERIAL # DWNLOAD TIME ER TEMP 2.5  LOGGER CO  NO F  OFF DRY, F  COMN  d/s of F  R SERIAL #  DWNLOAD TIME ER TEMP 2.5   | 10669748 13:37 AIR TEMP 5 ONDITIONS REASON HEIGHT ABOVE WAT TENTS  Halfway River 10156314 13:34 AIR TEMP 5  | ER CONDUCTION OF THE CONDUCTIO | 598179 BC            | 6232169 TE none balsam pop                   |
| LOGGER TYPE  DOWNLOAD DATE  21 TEST RECORDER TYPE  WATER DEPTH  BURIED  no  water very low dow nload OK stainless steel cable OK Rpl #15  SITE ID  LOGGER TYPE  TI  DOWNLOAD DATE  21   | dbit LOGGER Apr 2017 DO YSI WATE  CM DISLODGED FUNCTIONAL W et  J LOCATION dbit LOGGER Apr 2017 DO   | R SERIAL # DWNLOAD TIME ER TEMP 2.5  LOGGER CO  NO F  OF TEMP  OWNLOAD TIME  d/s of TEMP  DWNLOAD TIME   | 10669748 13:37 AIR TEMP 5 ONDITIONS REASON HEIGHT ABOVE WAT TENTS  Halfway River 10156314 13:34 AIR TEMP 5  | ER CONE  | 598179 BC            | 6232169 TE none balsam pop  north 6263144 TE |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE  WATER DEPTH BURIED NO  Water very low dow nload OK stainless steel cable OK Rpl #15  SITE ID LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE  WATER DEPTH  | Apr 2017 DO VICTOR APR 2017 DO V | COMING A SERIAL # DWNLOAD TIME R TEMP 2.5  LOGGER COMING  A SERIAL # DWNLOAD TIME R TEMP 2.5  LOGGER COMING  A SERIAL # DWNLOAD TIME R TEMP 2.5  LOGGER COMING  yes F  | 10669748 13:37 AIR TEMP 5 ONDITIONS REASON HEIGHT ABOVE WAT 1ENTS  Halfway River 10156314 13:34 AIR TEMP 5 ONDITIONS REASON ice                   | ER CONDUCTION CREW  BANK  UTM  CREW  ICE CONDUCTION  debris  | 598179 BC DITIONS    | none  horth 6263144 TE none                  |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE  WATER DEPTH BURIED NO  Water very low dow nload OK stainless steel cable OK Rpl #15  SITE ID LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE  WATER DEPTH  | dbit LOGGER Apr 2017 DO YSI WATE  CM DISLODGED FUNCTIONAL W et  J LOCATION dbit LOGGER Apr 2017 DO merc WATE   | CSERIAL # DWNLOAD TIME R TEMP 2.5  LOGGER COMM  IF DRY, F  COMM   d/s of I  R SERIAL #  DWNLOAD TIME R TEMP 2.5  LOGGER COMM  yes R  dry IF DRY, F   | 10669748 13:37 AIR TEMP 5 ONDITIONS REASON HEIGHT ABOVE WAT 1ENTS  HAIF WAY RIVER 10156314 13:34 AIR TEMP 5 ONDITIONS REASON ice HEIGHT ABOVE WAT | ER CONDUCTION CREW  BANK  UTM  CREW  ICE CONDUCTION  debris  | 598179 BC            | 6232169 TE none balsam pop  north 6263144 TE |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE  WATER DEPTH BURIED NO  Water very low dow nload OK stainless steel cable OK Rpl #15  SITE ID LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE  WATER DEPTH BURIED NO  TEST RECORDER TYPE  WATER DEPTH BURIED NO  TEST RECORDER TYPE | Apr 2017 DO VICTOR APR 2017 DO V | CSERIAL # DWNLOAD TIME R TEMP 2.5  LOGGER COMM  IF DRY, F  COMM   d/s of I  R SERIAL #  DWNLOAD TIME R TEMP 2.5  LOGGER COMM  yes R  dry IF DRY, F   | 10669748 13:37 AIR TEMP 5 ONDITIONS REASON HEIGHT ABOVE WAT 1ENTS  Halfway River 10156314 13:34 AIR TEMP 5 ONDITIONS REASON ice                   | ER CONDUCTION CREW  BANK  UTM  CREW  ICE CONDUCTION  debris  | 598179 BC DITIONS    | none  horth 6263144 TE none                  |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE  WATER DEPTH BURIED NO  Water very low download OK stainless steel cable OK Rpl #15  SITE ID LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE  WATER DEPTH BURIED NO  Water very low   | Apr 2017 DO VICTOR APR 2017 DO V | CSERIAL # DWNLOAD TIME R TEMP 2.5  LOGGER COMM  IF DRY, F  COMM   d/s of I  R SERIAL #  DWNLOAD TIME R TEMP 2.5  LOGGER COMM  yes R  dry IF DRY, F   | 10669748 13:37 AIR TEMP 5 ONDITIONS REASON HEIGHT ABOVE WAT 1ENTS  HAIF WAY RIVER 10156314 13:34 AIR TEMP 5 ONDITIONS REASON ice HEIGHT ABOVE WAT | ER CONDUCTION CREW  BANK  UTM  CREW  ICE CONDUCTION  debris  | 598179 BC DITIONS    | none  horth 6263144 TE none                  |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE  WATER DEPTH NO BURIED NO  Water very low dow nload OK stainless steel cable OK Rpl #15  SITE ID LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE  WATER DEPTH BURIED NO  Water very low dow nload OK                                | Apr 2017 DO VICTOR APR 2017 DO V | CSERIAL # DWNLOAD TIME R TEMP 2.5  LOGGER COMM  IF DRY, F  COMM   d/s of I  R SERIAL #  DWNLOAD TIME R TEMP 2.5  LOGGER COMM  yes R  dry IF DRY, F   | 10669748 13:37 AIR TEMP 5 ONDITIONS REASON HEIGHT ABOVE WAT 1ENTS  HAIF WAY RIVER 10156314 13:34 AIR TEMP 5 ONDITIONS REASON ice HEIGHT ABOVE WAT | ER CONDUCTION CREW  BANK  UTM  CREW  ICE CONDUCTION  debris  | 598179 BC DITIONS    | none  horth 6263144 TE none                  |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE  WATER DEPTH NO BURIED NO  Water very low dow nload OK stainless steel cable OK Rpl #15  SITE ID LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE  WATER DEPTH BURIED NO  Water very low dow nload OK stainless steel cable OK       | dbit LOGGET Apr 2017 DO YSI WATE  CM DISLODGED FUNCTIONAL W et  J LOCATION dbit LOGGET Apr 2017 DO merc WATE  CM DISLODGED FUNCTIONAL  | COMINGAL # DWNLOAD TIME R TEMP 2.5  LOGGER COMING IF DRY, F COMINGAL # DWNLOAD TIME R TEMP 2.5  LOGGER COMINGAL # DWNLOAD TIME R TEMP 2.5  LOGGER COMINGAL # DWNLOAD TIME R TEMP 2.5  COMINGAL # DWNLOAD TIME R TEMP 2.5  COMINGAL # CO | 10669748 13:37 AIR TEMP 5 ONDITIONS REASON HEIGHT ABOVE WAT 1ENTS  HAIF WAY RIVER 10156314 13:34 AIR TEMP 5 ONDITIONS REASON ice HEIGHT ABOVE WAT | ER CONDUCTION CREW  BANK  UTM  CREW  ICE CONDUCTION  debris  | 598179 BC DITIONS    | none  horth 6263144 TE none                  |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE  WATER DEPTH NO BURIED NO  Water very low dow nload OK stainless steel cable OK Rpl #15  SITE ID LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE  WATER DEPTH BURIED NO  Water very low dow nload OK                                | dbit LOGGET Apr 2017 DO YSI WATE  CM DISLODGED FUNCTIONAL W et  J LOCATION dbit LOGGET Apr 2017 DO merc WATE  CM DISLODGED FUNCTIONAL  | COMINGAL # DWNLOAD TIME R TEMP 2.5  LOGGER COMING IF DRY, F COMINGAL # DWNLOAD TIME R TEMP 2.5  LOGGER COMINGAL # DWNLOAD TIME R TEMP 2.5  LOGGER COMINGAL # DWNLOAD TIME R TEMP 2.5  COMINGAL # DWNLOAD TIME R TEMP 2.5  COMINGAL # CO | 10669748 13:37 AIR TEMP 5 ONDITIONS REASON HEIGHT ABOVE WAT 1ENTS  HAIF WAY RIVER 10156314 13:34 AIR TEMP 5 ONDITIONS REASON ice HEIGHT ABOVE WAT | ER CONDUCTION CREW  BANK  UTM  CREW  ICE CONDUCTION  debris  | 598179 BC DITIONS    | none  horth 6263144 TE none                  |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE  WATER DEPTH NO BURIED NO  Water very low dow nload OK stainless steel cable OK Rpl #15  SITE ID LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE  WATER DEPTH BURIED NO  Water very low dow nload OK stainless steel cable OK       | dbit LOGGET Apr 2017 DO YSI WATE  CM DISLODGED FUNCTIONAL W et  J LOCATION dbit LOGGET Apr 2017 DO merc WATE  CM DISLODGED FUNCTIONAL  | COMINGAL # DWNLOAD TIME R TEMP 2.5  LOGGER COMING IF DRY, F COMINGAL # DWNLOAD TIME R TEMP 2.5  LOGGER COMINGAL # DWNLOAD TIME R TEMP 2.5  LOGGER COMINGAL # DWNLOAD TIME R TEMP 2.5  COMINGAL # DWNLOAD TIME R TEMP 2.5  COMINGAL # CO | 10669748 13:37 AIR TEMP 5 ONDITIONS REASON HEIGHT ABOVE WAT 1ENTS  HAIF WAY RIVER 10156314 13:34 AIR TEMP 5 ONDITIONS REASON ice HEIGHT ABOVE WAT | ER CONDUCTION CREW  BANK  UTM  CREW  ICE CONDUCTION  debris  | 598179 BC DITIONS    | none  north 6263144 TE none                  |

| BC HYDE   | RO PFA   | CE RIVER   | IEMPER   | RATURF M  | IONITORING -   | DOWNI          | OAD II                        | NFORM     | <b>ATION F</b>                           | ORM                    |
|---|--|--|--|---|--|----------------|-------------------------------|-----------|--|------------------------|
|   | mobUP2   | LOCATIO  |  |   | s of Moberly River   |                | BANK                          |           |  | north                  |
| LOGGER TYPE   | Tidl   |  | LOGGER SI  |   | 10669754   | L              | UTM                           | e         | 327501                                   | 6232563                |
| DOWNLOAD DATE   |  |  |  | NLOAD TIM   |  |                | CREW                          |           |  | TE                     |
| TEST RECORDER T   |  | YSI  | WATER 1  |   |  | 5.0            |                               | NDITION   | _  | none                   |
| TEST NESSTEELT  |  | 1 01   | WATER  |   | R CONDITIONS   | 0.0            | ICECC                         | MDITION   | 3  | Horic                  |
| WATER DEPTH   | 300  | cm DISL  | ODGED  | yes   |  | ice            |                               |           |  |                        |
|   |  |  |  |   |  |                | 40                            | TET       |  |                        |
| <b>BURIED</b> no  | F  | UNCTIONAL  | -  | ,   | RY, HEIGHT ABOV  | EWATER         | 10                            | CIII TEII | HER TYPE                                 | spruce                 |
| dow nload Ok<br>stainless steel cable<br>Rpl #16, SN 106697<br>w ater extremely low<br>logger partially sw u  | 754<br>v   | e; exposed   | due to extr  | emely low w   | ater   |                |                               |           |  |                        |
| OITEID  |  |  |  | ,   | (14)   |                | <b>DANI</b>                   |           |  | 1                      |
| SITE ID r<br>LOGGER TYPE  | mobUP1   | LOCATIO  |  |   | of Moberly River   |                | BANK                          |           | south                                    | 0000010                |
| DOWNLOAD DATE   | Tidl<br>27   |  | LOGGER SI  | ERIAL #<br>NLOAD TIM  | 10887852<br>E 10:4   |                | UTM                           |           | 327158<br>BC                             | 6232349<br>TE          |
| TEST RECORDER T   |  | YSI  | WATER 1  |   |  | 5.0            | CREW                          | NDITION   | _  | none                   |
| LOT RESORDER I  |  | 1 01   | MAILKI   |   | R CONDITIONS   | 5.0            | ICECC                         | HUITION   | J  | TIOTIC                 |
| WATER DEPTH   | 30   | cm DISL  | ODGED  | no  | REASON   |                |                               |           |  |                        |
| <b>BURIED</b> no  | F  | UNCTIONAL  |  | IF DF   | RY, HEIGHT ABOV  | EWATER         |                               | cm TET    | HER TYPE                                 | alder                  |
|   |  |  |  | CC  | MMENTS   |                |                               |           |  |                        |
|   |  |  |  |   |  |                |                               |           |  |                        |
|   |  | LOCATIO  |  |   | s of Moberly River   |                | BANK                          |           | south                                    | 0000075                |
| LOGGER TYPE   | _<br>Tidl  | bit  | LOGGER SI  | ERIAL#  | 10676147   |                | UTM                           |           | 30402                                    | 6229275                |
| LOGGER TYPE<br>DOWNLOAD DATE  | Tidl   | bit Apr 2  | LOGGER SI<br>2017 DOW  | ERIAL #<br>NLOAD TIM  | 10676147<br><b>E</b> 11:   | 12             | UTM<br>CREW                   | 6         | 30402<br>BC                              | TE                     |
| LOGGER TYPE<br>DOWNLOAD DATE  | Tidl   | bit  | LOGGER SI  | ERIAL # NLOAD TIM TEMP 3.   | 10676147<br><b>E</b> 11:   |                | UTM<br>CREW                   |           | 30402<br>BC                              |                        |
| LOGGER TYPE<br>DOWNLOAD DATE  | Tidl   | bit Apr 2  | LOGGER SI<br>2017 DOW<br>WATER 1   | ERIAL # NLOAD TIM TEMP 3.   | 10676147<br><b>E</b> 11:<br>9 <b>AIR TEMP</b>  | 12             | UTM<br>CREW                   | 6         | 30402<br>BC                              | TE                     |
| LOGGER TYPE<br>DOWNLOAD DATE<br>TEST RECORDER T   | Tidl 27 <b>YPE</b> 30  | bit Apr 2  | LOGGER SI<br>2017 DOW<br>WATER 1   | ERIAL # NLOAD TIM FEMP 3. LOGGE no  | 10676147 E 11: 9 AIR TEMP R CONDITIONS   | 5.0            | UTM<br>CREW                   | NDITION   | 30402<br>BC                              | TE                     |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER T WATER DEPTH   | Tidl 27 <b>YPE</b> 30  | Apr 2 YSI cm DISL  | LOGGER SI<br>2017 DOW<br>WATER 1   | ERIAL # NLOAD TIM FEMP 3. LOGGE no IF DF  | 10676147 E 11: 9 AIR TEMP R CONDITIONS REASON  | 5.0            | UTM<br>CREW                   | NDITION   | BC                                       | TE<br>none             |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER T  WATER DEPTH BURIED no  download OK water extremely low   | Tidl 27  | Apr 2 YSI cm DISL  | LOGGER SI<br>2017 DOW<br>WATER 1   | ERIAL # NLOAD TIM FEMP 3. LOGGE no IF DF  | 10676147 E 11: 9 AIR TEMP R CONDITIONS REASON RY, HEIGHT ABOV  | 5.0            | UTM<br>CREW                   | NDITION   | BC                                       | TE<br>none             |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER T  WATER DEPTH BURIED no  download OK water extremely low RPL#18  | Tidl 27 TYPE  30 FI  | Apr 2 YSI  Cm DISL UNCTIONAL   | LOGGER SI<br>2017 DOW<br>WATER 1<br>ODGED<br>Wet                                     | ERIAL # NLOAD TIM FEMP 3. LOGGE no IF DF  | 10676147 E 11: 9 AIR TEMP R CONDITIONS REASON RY, HEIGHT ABOV DIMMENTS  s of Moberly River   | 5.0<br>E WATER | UTM<br>CREW<br>ICE CO         | cm TET    | BC B | none alder             |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER T  WATER DEPTH BURIED no  download OK w ater extremely low RPL#18  SITE ID r LOGGER TYPE  | Tidl 27  TYPE  30  FI  Total Properties of the p | Apr 2 YSI  Cm DISL UNCTIONAL   | LOGGER SI<br>2017 DOW<br>WATER 1<br>ODGED<br>Wet                                     | ERIAL # NLOAD TIM FEMP 3. LOGGE no IF DF CCC  | 10676147 E 11: 9 AIR TEMP R CONDITIONS REASON RY, HEIGHT ABOV DIMMENTS  s of Moberly River 10669746  | 5.0<br>E WATER | UTM<br>CREW<br>ICE CO         | cm TET    | BC B | alder 6229281          |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER T  WATER DEPTH BURIED no  download OK w ater extremely low RPL#18  SITE ID r LOGGER TYPE DOWNLOAD DATE  | Tidl 27  TYPE  30  FI  Tidl 27   | LOCATIONAL  LOCATIONAL  LOCATIONAL   | ODGED  Wet  NOOGGER SI  ODGED  NOOGGER SI  OOGGER SI  OOT  OOGGER SI  OOT  OOW       | ERIAL # NLOAD TIM FEMP 3. LOGGE  NO IF DE CO                  | 10676147 E 11: 9 AIR TEMP R CONDITIONS REASON RY, HEIGHT ABOV DIMMENTS  s of Moberly River 10669746 E 11:  | 5.0<br>E WATER | UTM<br>CREW<br>ICE CO         | cm TET    | BC B | alder  6229281         |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER T  WATER DEPTH BURIED no  download OK w ater extremely low RPL#18  SITE ID r LOGGER TYPE DOWNLOAD DATE  | Tidl 27  TYPE  30  FI  Tidl 27   | Apr 2 YSI  Cm DISL UNCTIONAL   | LOGGER SI<br>2017 DOW<br>WATER 1<br>ODGED<br>Wet                                     | ERIAL # NLOAD TIM FEMP 3. LOGGE  NO IF DE CO                  | 10676147 E 11: 9 AIR TEMP R CONDITIONS REASON RY, HEIGHT ABOV DIMMENTS  s of Moberly River 10669746 E 11: 9 AIR TEMP                                     | 5.0<br>E WATER | UTM<br>CREW<br>ICE CO         | cm TET    | BC B | alder 6229281          |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER T  WATER DEPTH BURIED no  download OK w ater extremely low RPL#18  SITE ID r LOGGER TYPE DOWNLOAD DATE TEST RECORDER T  | Tidl 27  TYPE  30  FI  Tidl 27   | LOCATIONAL  LOCATIONAL  LOCATIONAL  Apr 2  YSI   | ON LOGGER SI<br>017 DOW<br>WATER 1<br>ODGED  Wet  NO LOGGER SI<br>017 DOW<br>WATER 1 | ERIAL # NLOAD TIM FEMP 3. LOGGE  NO IF DF CCC   ERIAL # NLOAD TIM FEMP 3. LOGGE                   | 10676147 E 11: 9 AIR TEMP R CONDITIONS REASON RY, HEIGHT ABOV DIMMENTS  s of Moberly River 10669746 E 11: 9 AIR TEMP R CONDITIONS                        | 5.0<br>E WATER | BANK<br>UTM<br>CREW<br>ICE CO | cm TET    | BC B | alder  6229281         |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER T  WATER DEPTH BURIED no  download OK w ater extremely low RPL#18  SITE ID r LOGGER TYPE DOWNLOAD DATE TEST RECORDER T  | 30 F0 V  | LOCATIO bit Apr 2 YSI  Cm DISL UNCTIONAL  LOCATIO bit Apr 2 YSI  Cm DISL   | ODGED  ODGED  ON  LOGGER SI  OOT  ON  LOGGER SI  OOT  ON  WATER 1                    | ERIAL # NLOAD TIM FEMP 3. LOGGE  NO IF DF CCC  ERIAL # NLOAD TIM FEMP 3. LOGGE  NO IF DF CCC      | 10676147 E 11: 9 AIR TEMP R CONDITIONS REASON RY, HEIGHT ABOV DIMMENTS  s of Moberly River 10669746 E 11: 9 AIR TEMP R CONDITIONS REASON                 | 5.0<br>E WATER | BANK<br>UTM<br>CREW<br>ICE CO | cm TET    | south a30583 BC                          | alder  6229281 TE none |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER T  WATER DEPTH BURIED no  download OK w ater extremely low RPL#18  SITE ID r LOGGER TYPE DOWNLOAD DATE TEST RECORDER T  | 30 F0 V  | LOCATIONAL  LOCATIONAL  LOCATIONAL  Apr 2  YSI   | ODGED  ODGED  ON  LOGGER SI  OOT  ON  LOGGER SI  OOT  ON  WATER 1                    | ERIAL # NLOAD TIM FEMP 3. LOGGE  no IF DF CCC  d/s  ERIAL # NLOAD TIM FEMP 3. LOGGE  no dry IF DF | 10676147 E 11: 9 AIR TEMP R CONDITIONS REASON RY, HEIGHT ABOV DIMMENTS  s of Moberly River 10669746 E 11: 9 AIR TEMP R CONDITIONS                        | 5.0<br>E WATER | BANK<br>UTM<br>CREW<br>ICE CO | cm TET    | BC B | alder  6229281         |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER T  WATER DEPTH BURIED no  download OK w ater extremely low RPL#18  SITE ID r LOGGER TYPE DOWNLOAD DATE TEST RECORDER T  WATER DEPTH BURIED no                                     | Tidl 27  TYPE 30  FINAL TIDE STATE S | LOCATIONAL  LOCATIONAL | ODGED  ODGED  ON  LOGGER SI  OOT  ON  LOGGER SI  OOT  ON  WATER 1                    | ERIAL # NLOAD TIM FEMP 3. LOGGE  no IF DF CCC  d/s  ERIAL # NLOAD TIM FEMP 3. LOGGE  no dry IF DF | 10676147 E 11: 9 AIR TEMP R CONDITIONS REASON RY, HEIGHT ABOV DIMMENTS  s of Moberly River 10669746 E 11: 9 AIR TEMP R CONDITIONS REASON RY, HEIGHT ABOV | 5.0<br>E WATER | BANK<br>UTM<br>CREW<br>ICE CO | cm TET    | south a30583 BC                          | alder  6229281 TE none |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER T  WATER DEPTH BURIED no  dow nload OK w ater extremely low RPL#18  SITE ID r LOGGER TYPE DOWNLOAD DATE TEST RECORDER T  WATER DEPTH BURIED no  w ater extremely low              | Tidl 27  TYPE 30  FINAL TIDE STATE S | LOCATIONAL  LOCATIONAL | ODGED  ODGED  ON  LOGGER SI  OOT  ON  LOGGER SI  OOT  ON  WATER 1                    | ERIAL # NLOAD TIM FEMP 3. LOGGE  no IF DF CCC  d/s  ERIAL # NLOAD TIM FEMP 3. LOGGE  no dry IF DF | 10676147 E 11: 9 AIR TEMP R CONDITIONS REASON RY, HEIGHT ABOV DIMMENTS  s of Moberly River 10669746 E 11: 9 AIR TEMP R CONDITIONS REASON RY, HEIGHT ABOV | 5.0<br>E WATER | BANK<br>UTM<br>CREW<br>ICE CO | cm TET    | south a30583 BC                          | alder  6229281 TE none |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER T  WATER DEPTH BURIED no  download OK w ater extremely low RPL#18  SITE ID r LOGGER TYPE DOWNLOAD DATE TEST RECORDER T  WATER DEPTH BURIED no  w ater extremely low download OK   | Tidl 27  TYPE 30  FINAL TIDE STATE S | LOCATIONAL  LOCATIONAL | ODGED  ODGED  ON  LOGGER SI  OOT  ON  LOGGER SI  OOT  ON  WATER 1                    | ERIAL # NLOAD TIM FEMP 3. LOGGE  no IF DF CCC  d/s  ERIAL # NLOAD TIM FEMP 3. LOGGE  no dry IF DF | 10676147 E 11: 9 AIR TEMP R CONDITIONS REASON RY, HEIGHT ABOV DIMMENTS  s of Moberly River 10669746 E 11: 9 AIR TEMP R CONDITIONS REASON RY, HEIGHT ABOV | 5.0<br>E WATER | BANK<br>UTM<br>CREW<br>ICE CO | cm TET    | south a30583 BC                          | alder  6229281 TE none |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER T  WATER DEPTH BURIED no  download OK w ater extremely low RPL#18  SITE ID r LOGGER TYPE DOWNLOAD DATE TEST RECORDER T  | Tidl 27  TYPE 30  FINAL TIDE STATE S | LOCATIONAL  LOCATIONAL | ODGED  ODGED  ON  LOGGER SI  OOT  ON  LOGGER SI  OOT  ON  WATER 1                    | ERIAL # NLOAD TIM FEMP 3. LOGGE  no IF DF CCC  d/s  ERIAL # NLOAD TIM FEMP 3. LOGGE  no dry IF DF | 10676147 E 11: 9 AIR TEMP R CONDITIONS REASON RY, HEIGHT ABOV DIMMENTS  s of Moberly River 10669746 E 11: 9 AIR TEMP R CONDITIONS REASON RY, HEIGHT ABOV | 5.0<br>E WATER | BANK<br>UTM<br>CREW<br>ICE CO | cm TET    | south a30583 BC                          | alder  6229281 TE none |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER T  WATER DEPTH BURIED no  download OK w ater extremely low RPL#18  SITE ID r LOGGER TYPE DOWNLOAD DATE TEST RECORDER T  WATER DEPTH BURIED no  w ater extremely low download OK   | Tidl 27  TYPE 30  FINAL TIDE STATE S | LOCATIONAL  LOCATIONAL | ODGED  ODGED  ON  LOGGER SI  OOT  ON  LOGGER SI  OOT  ON  WATER 1                    | ERIAL # NLOAD TIM FEMP 3. LOGGE  no IF DF CCC  d/s  ERIAL # NLOAD TIM FEMP 3. LOGGE  no dry IF DF | 10676147 E 11: 9 AIR TEMP R CONDITIONS REASON RY, HEIGHT ABOV DIMMENTS  s of Moberly River 10669746 E 11: 9 AIR TEMP R CONDITIONS REASON RY, HEIGHT ABOV | 5.0<br>E WATER | BANK<br>UTM<br>CREW<br>ICE CO | cm TET    | south a30583 BC                          | alder  6229281 TE none |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER T  WATER DEPTH BURIED no  dow nload OK w ater extremely low RPL#18  SITE ID r LOGGER TYPE DOWNLOAD DATE TEST RECORDER T  WATER DEPTH BURIED no  w ater extremely low dow nload OK | Tidl 27  TYPE 30  FINAL TIDE STATE S | LOCATIONAL  LOCATIONAL | ODGED  ODGED  ON  LOGGER SI  OOT  ON  LOGGER SI  OOT  ON  WATER 1                    | ERIAL # NLOAD TIM FEMP 3. LOGGE  no IF DF CCC  d/s  ERIAL # NLOAD TIM FEMP 3. LOGGE  no dry IF DF | 10676147 E 11: 9 AIR TEMP R CONDITIONS REASON RY, HEIGHT ABOV DIMMENTS  s of Moberly River 10669746 E 11: 9 AIR TEMP R CONDITIONS REASON RY, HEIGHT ABOV | 5.0<br>E WATER | BANK<br>UTM<br>CREW<br>ICE CO | cm TET    | south a30583 BC                          | alder  6229281 TE none |

|  |  |  |   |  |  |              | OAD IN                         | <b>ILOKIMA</b> I                               | IONE        | ORM           |
|--|--|--|---|--|--|--------------|--------------------------------|--|-------------|---------------|
|  | neUP2  | LOCATIO  |   |  | ONITORING - D 's of Pine River   |              | BANK                           |  |             | north         |
| LOGGER TYPE  | Tidb   |  | OGGER SE  |  | 10635062   |              | UTM                            | 6416   | 653         | 6225304       |
| DOWNLOAD DATE  | 27   |  | 017 <b>DOWN</b>   |  |  | ,            | CREW                           |  | ВС          |               |
| TEST RECORDER TY   | /PE  | YSI  | WATER TE  | <b>EMP</b> 3.9   | AIR TEMP   | 8.0          | ICECO                          | NDITIONS                                       |             | none          |
|  |  |  |   | LOGGER   | CONDITIONS   |              |                                |  |             |               |
| WATER DEPTH  | 150  | cm <b>DISL</b>                                       | <b>ODGED</b>  | no   | REASON   |              |                                |  |             |               |
| <b>BURIED</b> no   | FU   | NCTIONAL   | w et  | IF DR  | Y, HEIGHT ABOVE  | WATER        |                                | cm TETHER                                      | RTYPE       | balsam pop    |
|  | · · · · ·  |  |   | CO   | MMENTS   |              |                                |  |             |               |
| dow nload OK<br>Stainless steel cable<br>RPL#6<br>water very low but k   |  | enty deep,   | should not h  | ave been ex  | rposed   |              |                                |  |             |               |
| SITE ID pi   | neUP1  | LOCATIO  | N   | u/   | s of Pine River  |              | BANK                           | sou  | uth         |               |
| LOGGER TYPE  | Tidb   |  | OGGER SE  |  | 10669747   |              | UTM                            | 6410   |             | 6225372       |
| DOWNLOAD DATE  | 27   |  | 017 <b>DOWN</b>   |  |  |              | CREW                           |  | ВС          | TE            |
| TEST RECORDER TY   | /PE  | YSI  | WATER TE  |  |  | 8.0          | ICECO                          | NDITIONS                                       |             | none          |
| WATER DEPTH  | 30   | cm DISL  | ODGED   | LOGGER<br>no   | CONDITIONS   |              |                                |  |             |               |
| BURIED no  |  | NCTIONAL   |   |  | Y, HEIGHT ABOVE  | WATER        |                                | cm TETHER                                      | RTYPE       | alder         |
| 110  | . 0  |  | 50  |  | MMENTS   |              |                                | J.11 11 12                                     |             | aluci         |
|  |  |  |   |  |  |              |                                |  |             |               |
| SITE ID pine   | DN1_BU   | LOCATIO  | N   | d/   | s of Pine River  |              | BANK                           | sou  | uth         |               |
| LOGGER TYPE  | Tidb   | it L   | OGGER SE  | RIAL#  | 9762095  |              | UTM                            | sou<br>6483                                    | 362         | 6222823       |
| LOGGER TYPE<br>DOWNLOAD DATE   | Tidb<br>27   | it <b>L</b><br>Apr 2                                 | OGGER SEI   | RIAL#<br>LOADTIME  | 9762095<br>12:46   |              | UTM<br>CREW                    | 6483   |             | TE            |
| LOGGER TYPE  | Tidb<br>27   | it L   | OGGER SE  | RIAL#<br>LOADTIME<br>EMP 5.1   | 9762095<br>12:46<br>AIR TEMP   | 8.0          | UTM<br>CREW                    |  | 362         |               |
| LOGGER TYPE<br>DOWNLOAD DATE   | Tidb<br>27   | it <b>L</b><br>Apr 2                                 | OGGER SEI<br>017 DOWN<br>WATER TE   | RIAL#<br>LOADTIME<br>EMP 5.1   | 9762095<br>12:46   |              | UTM<br>CREW                    | 6483   | 362         | TE            |
| OGGER TYPE DOWNLOAD DATE FEST RECORDER TY  | Tidb 27 /PE 20   | it L<br>Apr 2<br>YSI                                 | OGGER SEI<br>017 DOWN<br>WATER TE   | RIAL #<br>ILOAD TIME<br>EMP 5.1<br>LOGGER  | 9762095<br>12:46<br>AIR TEMP<br>CONDITIONS   | 8.0          | UTM<br>CREW<br>ICE COI         | 6483   | 362<br>BC   | TE            |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TY WATER DEPTH   | Tidb 27 /PE 20   | Apr 2<br>YSI   | OGGER SEI<br>017 DOWN<br>WATER TE   | RIAL # LOAD TIME EMP 5.1 LOGGER no IF DR   | 9762095 12:46 AIR TEMP CONDITIONS REASON   | 8.0          | UTM<br>CREW<br>ICE COI         | 6483   | 362<br>BC   | TE<br>none    |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TY WATER DEPTH   | Tidb 27  /PE 20  FU  | Apr 2<br>YSI   | OGGER SEI<br>017 DOWN<br>WATER TE   | RIAL # LOAD TIME EMP 5.1 LOGGER no IF DR   | 9762095 12:46 AIR TEMP CONDITIONS REASON Y, HEIGHT ABOVE   | 8.0          | UTM<br>CREW<br>ICE COI         | 6483   | 362<br>BC   | TE<br>none    |
| OGGER TYPE DOWNLOAD DATE TEST RECORDER TY WATER DEPTH BURIED no  download OK water very low today Stainless steel cable RPL# 25  | Tidb 27  /PE 20  FU  | Apr 2<br>YSI   | OGGER SEE  OTO DOWN  WATER TE  ODGED  wet                                   | RIAL # ILOAD TIME EMP 5.1 LOGGER no IF DR' COI   | 9762095 12:46 AIR TEMP CONDITIONS REASON Y, HEIGHT ABOVE   | 8.0          | UTM<br>CREW<br>ICE COI         | 6483   | BC RTYPE    | TE<br>none    |
| OGGER TYPE DOWNLOAD DATE TEST RECORDER TY WATER DEPTH BURIED no  download OK water very low today Stainless steel cable RPL# 25  | Tidb 27 /PE 20 FU  y OK  neDN1 Tidb                        | Apr 2 YSI  Cm DISL NCTIONAL                          | OGGER SE  | RIAL # ILOAD TIME EMP 5.1 LOGGER TO IF DR' COI   | 9762095 12:46 AIR TEMP CONDITIONS REASON Y, HEIGHT ABOVE WIM ENTS  //s of Pine River 2226322   | 8.0          | UTM<br>CREW<br>ICE COI         | 6483   | BC BC RTYPE | TE none alder |
| OGGER TYPE DOWNLOAD DATE TEST RECORDER TY WATER DEPTH BURIED no  download OK water very low today Stainless steel cable RPL# 25  SITE ID pi LOGGER TYPE DOWNLOAD DATE  | Tidb 27  /PE 20  FU  y OK  neDN1 Tidb 28                   | Apr 2 YSI  Cm DISL NCTIONAL                          | OGGER SEE  OTO DOWN  WATER TE  Wet  ODGED  Wet  N  OGGER SEE  OTO DOWN      | RIAL # ILOAD TIME EMP 5.1 LOGGER TO IF DR' COI   | 9762095 12:46 AIR TEMP CONDITIONS REASON Y, HEIGHT ABOVE WIM ENTS  's of Pine River 2226322 11:11  | 8.0  WATER   | UTM<br>CREW<br>ICE COI         | SOU 648  | BC BC       | TE none alder |
| OGGER TYPE DOWNLOAD DATE TEST RECORDER TY WATER DEPTH BURIED no  download OK water very low today Stainless steel cable RPL# 25  SITE ID pi LOGGER TYPE DOWNLOAD DATE  | Tidb 27  /PE 20  FU  y OK  neDN1 Tidb 28                   | Apr 2 YSI  Cm DISL NCTIONAL                          | OGGER SE  | RIAL # ILOAD TIME EMP 5.1 LOGGER TO IF DR' COI   | 9762095 12:46 AIR TEMP CONDITIONS REASON Y, HEIGHT ABOVE WIM ENTS  // S of Pine River 2226322 11:11 AIR TEMP                                 | 8.0          | UTM<br>CREW<br>ICE COI         | 6483  NDITIONS  CM TETHER                      | BC BC RTYPE | TE none alder |
| DOWNLOAD DATE TEST RECORDER TY WATER DEPTH BURIED no  download OK water very low today Stainless steel cable RPL# 25  SITE ID pi LOGGER TYPE DOWNLOAD DATE TEST RECORDER TY  | Tidb 27  /PE 20  FU  y OK  neDN1 Tidb 28                   | Apr 2 YSI  Cm DISL NCTIONAL  LOCATIO it L Apr 2 YSI  | OGGER SEE  OTO DOWN  WATER TE  ODGED  Wet  N  OGGER SEE  OTO DOWN  WATER TE | RIAL # ILOAD TIME EMP 5.1 LOGGER TO IF DR COI  RIAL # LOAD TIME EMP 5.3 LOGGER             | 9762095 12:46 AIR TEMP CONDITIONS REASON Y, HEIGHT ABOVE WIM ENTS  //s of Pine River 2226322 11:11 AIR TEMP CONDITIONS                       | 8.0  WATER   | BANK<br>UTM<br>CREW<br>ICE COI | SOU 6483                                       | BC BC RTYPE | TE none alder |
| OGGER TYPE DOWNLOAD DATE TEST RECORDER TY WATER DEPTH BURIED no  download OK water very low today Stainless steel cable RPL# 25  SITE ID pi LOGGER TYPE DOWNLOAD DATE  | Tidb 27  /PE 20  FU  OK  neDN1 Tidb 28  /PE                | Apr 2 YSI  Cm DISL NCTIONAL                          | OGGER SEE  OT DOWN WATER TE  ODGED  Wet  N OGGER SEE  OT DOWN WATER TE      | RIAL # ILOAD TIME EMP 5.1 LOGGER TO IF DR' COI  RIAL # LOAD TIME EMP 5.3 LOGGER yes        | 9762095 12:46 AIR TEMP CONDITIONS REASON Y, HEIGHT ABOVE WIM ENTS  // S of Pine River 2226322 11:11 AIR TEMP                                 | 8.0<br>WATER | UTM<br>CREW<br>ICE COI         | SOU 648  | BC BC RTYPE | TE none alder |
| OGGER TYPE DOWNLOAD DATE TEST RECORDER TY  WATER DEPTH BURIED no  download OK water very low today Stainless steel cable RPL# 25  SITE ID pi LOGGER TYPE DOWNLOAD DATE TEST RECORDER TY  WATER DEPTH   | Tidb 27  /PE 20  FU  OK  neDN1 Tidb 28  /PE                | Apr 2 YSI  Cm DISL  NCTIONAL  LOCATIO it I Apr 2 YSI | OGGER SEE  OT DOWN WATER TE  ODGED  Wet  N OGGER SEE  OT DOWN WATER TE      | RIAL # ILOAD TIME EMP 5.1 LOGGER TO IF DR' COI  RIAL # LOAD TIME EMP 5.3 LOGGER yes IF DR' | 9762095 12:46 AIR TEMP CONDITIONS REASON Y, HEIGHT ABOVE WIM ENTS  To sof Pine River 2226322 11:11 AIR TEMP CONDITIONS REASON                | 8.0<br>WATER | UTM<br>CREW<br>ICE COI         | SOU 6483  NDITIONS  SOU 6483  NDITIONS  debris | BC BC RTYPE | TE none alder |
| OGGER TYPE DOWNLOAD DATE TEST RECORDER TY WATER DEPTH BURIED no  download OK water very low today Stainless steel cable RPL# 25  SITE ID pi LOGGER TYPE DOWNLOAD DATE TEST RECORDER TY WATER DEPTH BURIED no   | Tidb 27  /PE 20  FU  OK  neDN1 Tidb 28  /PE                | Apr 2 YSI  Cm DISL  NCTIONAL  LOCATIO it I Apr 2 YSI | OGGER SEE  OT DOWN WATER TE  ODGED  Wet  N OGGER SEE  OT DOWN WATER TE      | RIAL # ILOAD TIME EMP 5.1 LOGGER TO IF DR' COI  RIAL # LOAD TIME EMP 5.3 LOGGER yes IF DR' | 9762095 12:46 AIR TEMP CONDITIONS REASON Y, HEIGHT ABOVE WIMENTS  //s of Pine River 2226322 11:11 AIR TEMP CONDITIONS REASON Y, HEIGHT ABOVE | 8.0<br>WATER | UTM<br>CREW<br>ICE COI         | SOU 6483  NDITIONS  SOU 6483  NDITIONS  debris | BC BC RTYPE | TE none alder |
| DOWNLOAD DATE TEST RECORDER TY WATER DEPTH BURIED no  download OK water very low today Stainless steel cable RPL# 25  SITE ID pi LOGGER TYPE DOWNLOAD DATE TEST RECORDER TY WATER DEPTH BURIED no  | Tidb 27  /PE 20  FU  OK  neDN1  Tidb 28  /PE  FU           | LOCATIO it I Apr 2 YSI  Cm DISL NCTIONAL             | OGGER SEE  OT DOWN WATER TE  ODGED  Wet  N OGGER SEE  OT DOWN WATER TE      | RIAL # ILOAD TIME EMP 5.1 LOGGER TO IF DR' COI  RIAL # LOAD TIME EMP 5.3 LOGGER yes IF DR' | 9762095 12:46 AIR TEMP CONDITIONS REASON Y, HEIGHT ABOVE WIMENTS  //s of Pine River 2226322 11:11 AIR TEMP CONDITIONS REASON Y, HEIGHT ABOVE | 8.0<br>WATER | UTM<br>CREW<br>ICE COI         | SOU 6483  NDITIONS  SOU 6483  NDITIONS  debris | BC BC RTYPE | TE none alder |
| OGGER TYPE DOWNLOAD DATE TEST RECORDER TY  WATER DEPTH BURIED no  download OK water very low today Stainless steel cable RPL# 25  SITE ID pi LOGGER TYPE DOWNLOAD DATE TEST RECORDER TY  WATER DEPTH BURIED no  download OK sw ung to shore and              | Tidb 27  /PE 20  FU  OK  neDN1 Tidb 28  /PE  FU  stranded/ | LOCATIO it I Apr 2 YSI  Cm DISL NCTIONAL             | OGGER SEE  OT DOWN WATER TE  ODGED  Wet  N OGGER SEE  OT DOWN WATER TE      | RIAL # ILOAD TIME EMP 5.1 LOGGER TO IF DR' COI  RIAL # LOAD TIME EMP 5.3 LOGGER yes IF DR' | 9762095 12:46 AIR TEMP CONDITIONS REASON Y, HEIGHT ABOVE WIMENTS  //s of Pine River 2226322 11:11 AIR TEMP CONDITIONS REASON Y, HEIGHT ABOVE | 8.0<br>WATER | UTM<br>CREW<br>ICE COI         | SOU 6483  NDITIONS  SOU 6483  NDITIONS  debris | BC BC RTYPE | TE none alder |
| OGGER TYPE OWNILOAD DATE TEST RECORDER TY WATER DEPTH BURIED no  download OK vater very low today Stainless steel cable RPL# 25  SITE ID pi COGGER TYPE OWNILOAD DATE TEST RECORDER TY WATER DEPTH BURIED no  download OK                                    | Tidb 27  /PE 20  FU  OK  neDN1 Tidb 28  /PE  FU  stranded/ | LOCATIO it I Apr 2 YSI  Cm DISL NCTIONAL             | OGGER SEE  OT DOWN WATER TE  ODGED  Wet  N OGGER SEE  OT DOWN WATER TE      | RIAL # ILOAD TIME EMP 5.1 LOGGER TO IF DR' COI  RIAL # LOAD TIME EMP 5.3 LOGGER yes IF DR' | 9762095 12:46 AIR TEMP CONDITIONS REASON Y, HEIGHT ABOVE WIMENTS  //s of Pine River 2226322 11:11 AIR TEMP CONDITIONS REASON Y, HEIGHT ABOVE | 8.0<br>WATER | UTM<br>CREW<br>ICE COI         | SOU 6483  NDITIONS  SOU 6483  NDITIONS  debris | BC BC RTYPE | TE none alder |
| OGGER TYPE OWNLOAD DATE EST RECORDER TY WATER DEPTH BURIED no  OWNLOAD OK Vater very low today Stainless steel cable RPL# 25  OGGER TYPE OWNLOAD DATE EST RECORDER TY WATER DEPTH BURIED no  Iow nload OK water very low today Stainless steel cable RPL# 25 | Tidb 27  /PE 20  FU  OK  neDN1 Tidb 28  /PE  FU  stranded/ | LOCATIO it I Apr 2 YSI  Cm DISL NCTIONAL             | OGGER SEE  OT DOWN WATER TE  ODGED  Wet  N OGGER SEE  OT DOWN WATER TE      | RIAL # ILOAD TIME EMP 5.1 LOGGER TO IF DR' COI  RIAL # LOAD TIME EMP 5.3 LOGGER yes IF DR' | 9762095 12:46 AIR TEMP CONDITIONS REASON Y, HEIGHT ABOVE WIMENTS  //s of Pine River 2226322 11:11 AIR TEMP CONDITIONS REASON Y, HEIGHT ABOVE | 8.0<br>WATER | UTM<br>CREW<br>ICE COI         | SOU 6483  NDITIONS  SOU 6483  NDITIONS  debris | BC BC RTYPE | TE none alder |

| SITE ID gms<br>LOGGER TYPE   |   | TEMPEDATUD  | E MONITO                                | DINC DOWN  | LOAD INE                | ODMATION E            | ODM           |
|--|---|---|---|--|-------------------------|-----------------------|---------------|
| 3  | _   | TEMPERATUR  | GMS For                                 |  | BANK                    | ORMATION F            | OKIVI         |
| LOGOLKIIIL   |   | LOGGER SERIAL #                                       |   | евау<br>10676155   | UTM                     | 548841                | 6209022       |
| DOWNLOAD DATE  |   | 017 DOWNLOAD  |   | 11:51  | CREW                    | 546641<br>BC          |               |
| TEST RECORDER TYPI   |   | WATER TEMP  |   | RTEMP 12   | ICE COND                |                       | none          |
| TEOT REGORDER THE  | 101   |   | GER CONDI                               |  | ICE CONE                | ITIONS                | Horic         |
| WATER DEPTH  | 100 cm DISL                                       |   | REAS                                    |  |                         | 1                     |               |
| BURIED no  | FUNCTIONAL  |   |   | IT ABOVE WATER   | 00                      | TETHER TYPE           |               |
| BURIED 110   | FUNCTIONAL  | . wet   | COMMENT:                                |  | CII                     | I IEINEK ITPE         | steel buoy    |
|  |   |   |   |  |                         |                       |               |
| Dow nload OK   |   |   |   |  |                         |                       |               |
| Stainless steel cable Ol   | K   |   |   |  |                         |                       |               |
| RPL#19   |   |   |   |  |                         |                       |               |
|  |   |   |   |  |                         |                       |               |
|  |   |   |   |  |                         |                       |               |
|  |   |   |   |  |                         |                       |               |
| OITEID   | LIDO  |   |   |  |                         |                       |               |
| SITE ID gms<br>LOGGER TYPE   | UP2 LOCATIO                                       |   | GMS For                                 | ,  | BANK                    | 540044                | 0000000       |
| DOWNLOAD DATE  |   | LOGGER SERIAL #                                       |   | 10676180<br>11:48  | UTM                     | 548841<br>BC          | 6209022       |
| TEST RECORDER TYPI   | - ,   | WATER TEMP  |   | R TEMP 12  | ICE COND                |                       | none          |
|  |   |   | GER CONDI                               |  | IOL CONE                | 1110110               |               |
| WATER DEPTH  | 1000 cm DISL                                      |   | REAS                                    |  |                         |                       |               |
| <b>BURIED</b> no   | FUNCTIONAL  | . wet II  | F DRY, HEIGH                            | IT ABOVE WATER   | cn                      | TETHER TYPE           | steel buoy    |
|  |   |   | COMMENT                                 | S  |                         |                       |               |
| SITE ID gms  | DN2 LOCATIO                                       | N   | GMS Tailra                              | ce RDB   | BANK                    |                       | north         |
| LOGGER TYPE  |   | LOGGER SERIAL #                                       |   | 10669739   | UTM                     | 548828                | 6207836       |
| DOWNLOAD DATE  |   | 017 <b>DOWNLOAD</b>                                   | TIME                                    | 10:55  | CREW                    | ВС                    | TE            |
| TEST RECORDER TYPI   | E merc  | WATERTEMP   |   | R TEMP 12  | ICE COND                | ITIONS                | none          |
| WATER DEPTH  | 450 am DICI                                       |   | GER CONDI                               |  |                         |                       |               |
| BURIED no  | 150 cm DISL FUNCTIONAL                            |   | REAS(                                   | JN<br>IT ABOVE WATER                                       | cn                      | TETHER TYPE           | rock          |
| BOIGED 110   | TONOTIONAL  | WCt   | COMMENT                                 |  | CII                     | TEINERTITE            | TOCK          |
|  |   |   |   |  |                         |                       |               |
|  | 2-BU 2038614 in sa                                |   | d cable aroun                           | d rock)  |                         |                       |               |
| Back-up logger gms DN/<br>both dow nloads OK<br>cable ok (stainless ster<br>Primary Logger-Rpl #11   | , SN 10669739                                     | doned to gaivanized                                   | u cable al oul                          | d rock)  |                         |                       |               |
| both dow nloads OK<br>cable ok (stainless ster<br>Primary Logger-Rpl #11<br>w ater very low at tailra  | , SN 10669739<br>ace                              |   |   | ,  | BANK                    | couth                 |               |
| both dow nloads OK cable ok (stainless sternimary Logger-Rpl #11 w ater very low at tailra   | , SN 10669739<br>ace<br>DN1 <b>LOCATIO</b>        | N   | GMS Tailra                              | ice LDB  | BANK                    | south<br>548881       | 6207761       |
| both downloads OK<br>cable ok (stainless ster<br>Primary Logger-Rpl #11<br>water very low at tailra  | , SN 10669739<br>ace  DN1 LOCATIO  Tidbit I       |   | GMS Tailra                              | ,  | BANK<br>UTM<br>CREW     | south<br>548881<br>BC | 6207761<br>TE |
| both downloads OK cable ok (stainless ster Primary Logger-Rpl #11 w ater very low at tailra  SITE ID gms LOGGER TYPE   | DN1 LOCATIO Tidbit I 13 Jul 2                     | N<br>LOGGER SERIAL #                                  | GMS Tailra                              | ce LDB<br>10635063   | UTM                     | 548881<br>BC          |               |
| both dow nloads OK cable ok (stainless sternimary Logger-Rpl #11 w ater very low at tailra  SITE ID gms LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE           | DN1 LOCATIO Tidbit I 13 Jul 2 E merc              | LOGGER SERIAL # 017 DOWNLOAD WATER TEMP               | GMS Tailra TIME 10.2 All                | ICE LDB<br>10635063<br>11:10<br>RTEMP 12                   | UTM<br>CREW             | 548881<br>BC          | TE            |
| both dow nloads OK cable ok (stainless sterning Logger-Rpl #11 w ater very low at tailra  SITE ID gms LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH | DN1 LOCATIO Tidbit I 13 Jul 2 E merc  100 cm DISL | LOGGER SERIAL # 017 DOWNLOAD WATER TEMP LOGO ODGED no | GMS Tailra TIME 10.2 AII GGER CONDITERS | ICE LDB<br>10635063<br>11:10<br>RTEMP 12<br>FIONS          | UTM<br>CREW<br>ICE COND | 548881<br>BC          | TE<br>none    |
| both dow nloads OK cable ok (stainless sternimary Logger-Rpl #11 water very low at tailra  SITE ID gms LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE            | DN1 LOCATIO Tidbit I 13 Jul 2 E merc              | LOGGER SERIAL # 017 DOWNLOAD WATER TEMP LOGO ODGED no | GMS Tailra TIME 10.2 AII GGER CONDITERS | ICE LDB 10635063 11:10 R TEMP 12 FIONS DN   IT ABOVE WATER | UTM<br>CREW<br>ICE COND | 548881<br>BC          | TE            |

| JOINDIN   | U PPALE  | RIVER LEW  | PERAILIR                            | - MONI   | HORING -  | DOWNL    | OAD IN                         | IFORMAT     | TION FO | )RM              |
|---|--|--|-------------------------------------|--|---|----------|--------------------------------|-------------|---------|------------------|
|   |  | OCATION  |                                     |  | l Forebay   | TTINL    | BANK                           | - CRIMA     |         | north            |
| OGGER TYPE  | Tidbit   |  | ER SERIAL #                         |  | 10635067  |          | UTM                            | 562         | 684     | 6204075          |
| OOWNLOAD DATE   | 13   |  | DOWNLOAD                            |  | 10:00   | 1        | CREW                           | 302         | BC1     |                  |
| EST RECORDER TY   |  | -  | TER TEMP                            | 16.2   | AIR TEMP  | 12.0     |                                | NDITIONS    |         | none             |
|   |  |  |                                     |  | NDITIONS  |          | .52.001                        |             |         |                  |
| WATER DEPTH   | 100 c  | m DISLODGE   |                                     |  | EASON   |          |                                |             |         |                  |
| BURIED no   |  | CTIONAL WE   |                                     |  | EIGHT ABOVE   | WATER    |                                | cm TETHE    | RTYPE   | log bee          |
| 110   | 1 0/4  | JIIJINAL WE  |                                     | COMMI  |   |          |                                | VIII 161116 | TITL    | log boom         |
| download OK<br>all stainless steel cab<br>RPL #10   | ble ok   |  |                                     |  |   |          |                                |             |         |                  |
| SITE ID po  | cnDN2 L  | OCATION  |                                     | DCA  | l Tailrean  |          | DANK                           |             |         |                  |
| OGGER TYPE  | Tidbit   | LOCATION   | ER SERIAL #                         |  | N Tailrace<br>10156317  |          | BANK<br>UTM                    | 560         | 803     | north<br>6204854 |
| DOWNLOAD DATE   | 13   |  | DOWNLOAD                            |  | 9:43  | <b>.</b> | CREW                           | 302         | BC 1    |                  |
| EST RECORDER TY   |  |  | TER TEMP                            | 10.4   | AIRTEMP   | 12.0     |                                | NDITIONS    |         | none             |
|   |  |  | LO                                  |  | NDITIONS  |          |                                |             |         |                  |
| WATER DEPTH   |  | m DISLODGE   |                                     |  | EASON   |          |                                |             |         |                  |
| <b>BURIED</b> no  | FUN  | CTIONAL we   | et I                                | ,  | EIGHT ABOVE   | WATER    |                                | cm TETHER   | RTYPE   | rock             |
|   |  |  |                                     | COMMI  | ENTS  |          |                                |             |         |                  |
| DOGGER TYPE   | nDN2_BU <b>L</b><br>Tidbit                     | LOGG   | ER SERIAL #                         | ŧ  | N Tailrace<br>10635061  |          | BANK<br>UTM                    | 562         | 803     | north            |
|   |  |  | DOLAMI OAD                          | TIME   |   |          |                                |             |         | 6204854          |
| DOWNLOAD DATE   | 13   | Jul 2017   |                                     |  | 9:44  |          | CREW                           |             | BC1     | ΓE               |
| DOWNLOAD DATE   | 13   |  | TER TEMP                            | 10.4   | AIR TEMP  | 12.0     |                                | NDITIONS    |         |                  |
| DOWNLOAD DATE   | 13<br><b>YPE</b>                               | YSI WAT  | TER TEMP                            | 10.4<br>GGER CO  | AIR TEMP<br>INDITIONS   |          |                                | NDITIONS    |         | ΓE               |
| DOWNLOAD DATE   | 13<br>YPE 50 c                                 | YSI WAT  | TER TEMP LOC D no                   | 10.4<br>GGER CO  | AIR TEMP<br>INDITIONS<br>EASON  | 12.0     | ICE CON                        |             |         | none             |
| OOWNLOAD DATE FEST RECORDER TY WATER DEPTH  | 13<br>YPE 50 c                                 | YSI WAT  | TER TEMP LOC D no                   | 10.4<br>GGER CO  | AIR TEMP INDITIONS EASON EIGHT ABOVE  | 12.0     | ICE CON                        | NDITIONS    |         | ΓE               |
| WATER DEPTH BURIED no  download OK all stainless steel cate Anchored to same ro   | 13 YPE  50 c FUNd  ble ok ock as pcnD          | YSI WATER DISLODGE CTIONAL WE  | TER TEMP LOC D no                   | 10.4  GGER CO  RE  IF DRY, HI  | AIR TEMP INDITIONS EASON EIGHT ABOVE  | 12.0     | ICE CON                        |             |         | none             |
| WATER DEPTH BURIED no  download OK all stainless steel cat Anchored to same ro Rpl #9 vater very low at tai   | 13 YPE  50 c FUN  ble ok ock as pcnD           | YSI WATER DISLODGE CTIONAL WE  | TER TEMP LOC D no                   | 10.4  GGER CO  RE  IF DRY, HI  | AIR TEMP INDITIONS EASON EIGHT ABOVE  | 12.0     | ICE CON                        |             |         | none             |
| WATER DEPTH BURIED no  low nload OK all stainless steel cat Anchored to same ro Rol #9 v ater very low at tai   | 13 YPE  50 c FUN  ble ok ock as pcnD           | YSI WATER DISLODGE CTIONAL WE  | TER TEMP LOC D no                   | 10.4 GGER CO RE IF DRY, HI COMMI   | AIR TEMP INDITIONS EASON EIGHT ABOVE  | 12.0     | ICE CON                        |             |         | none             |
| WATER DEPTH BURIED no  Now nload OK Stainless steel cat Anchored to same ro Rpl #9 Vater very low at tai  SITE ID  LOGGER TYPE DOWNLOAD DATE                                    | 13 YPE  50 c FUNN  ble ok bck as pcnD  illrace | MATERIAL DISLODGE CTIONAL WEST MATERIAL WEST MATERIAL WEST MATERIAL WEST MATERIAL MA | ER SERIAL #                         | 10.4 GGER CO RE IF DRY, HI COMMI   | AIR TEMP INDITIONS EASON EIGHT ABOVE  | 12.0     | ICE CON                        |             |         | none             |
| WATER DEPTH BURIED no  low nload OK all stainless steel cat anchored to same ro Rpl #9 v ater very low at tai  SITE ID  LOGGER TYPE DOWNLOAD DATE                               | 13 YPE  50 c FUNN  ble ok bck as pcnD  illrace | MATERIAL DISLODGE CTIONAL WEST MATERIAL WEST MATERIAL WEST MATERIAL WEST MATERIAL MA | ER SERIAL # DOWNLOAD FER TEMP       | 10.4 GGER CO RE IF DRY, HI COMMI   | AIR TEMP  NDITIONS  EASON  EIGHT ABOVE  ENTS  AIR TEMP                        | 12.0     | BANK<br>UTM<br>CREW            |             |         | none             |
| WATER DEPTH BURIED no  download OK all stainless steel cat Anchored to same ro Rpl #9 vater very low at tai  SITE ID  LOGGER TYPE DOWNLOAD DATE TEST RECORDER TY                | 13 YPE  50 c FUNA ble ok ock as pcnD illrace   | MATEM DISLODGE CTIONAL WEST WATEM DISLODGE LOGG WATEM L | ER SERIAL # DOWNLOAD FER TEMP       | 10.4 GGER CO RE IF DRY, HI COMMI   | AIR TEMP NDITIONS EASON EIGHT ABOVE ENTS  AIR TEMP NDITIONS                   | 12.0     | BANK<br>UTM<br>CREW            | CM TETHE    |         | none             |
| WATER DEPTH BURIED NO  download OK all stainless steel cat Anchored to same ro Rpl #9 water very low at tai  SITE ID LOGGER TYPE DOWNLOAD DATE TEST RECORDER TY                 | 13 YPE  50 c FUNG  ble ok ock as pcnD  illrace | MATERIAL DISLODGE CTIONAL WE  N2  OCATION LOGG WATERIAL WATERIAL WATERIAL DISLODGE   | ER SERIAL # DOWNLOAD FER TEMP LOC D | TIME   | AIR TEMP NDITIONS EASON EIGHT ABOVE ENTS  AIR TEMP NDITIONS EASON             | 12.0     | BANK<br>UTM<br>CREW<br>ICE CON | NDITIONS    | RTYPE   | none             |
| WATER DEPTH BURIED no  download OK all stainless steel cat Anchored to same ro Rpl #9 vater very low at tai  SITE ID  LOGGER TYPE DOWNLOAD DATE TEST RECORDER TY                | 13 YPE  50 c FUNG  ble ok ock as pcnD  illrace | MATEM DISLODGE CTIONAL WEST  | ER SERIAL # DOWNLOAD FER TEMP LOC D | IO.4  GGER CO  RE  IF DRY, HI  COMMI  COMMI  GGER CO  RE  RE  IF DRY, HI | AIR TEMP NDITIONS EASON EIGHT ABOVE ENTS  AIR TEMP NDITIONS EASON EIGHT ABOVE | 12.0     | BANK<br>UTM<br>CREW<br>ICE CON | CM TETHE    | RTYPE   | none             |
| WATER DEPTH BURIED no  Idow nload OK Ill stainless steel cat Anchored to same ro Rpl #9 Vater very low at tai  SITE ID  LOGGER TYPE DOWNLOAD DATE TEST RECORDER TY  WATER DEPTH | 13 YPE  50 c FUNG  ble ok ock as pcnD  illrace | MATERIAL DISLODGE CTIONAL WE  N2  OCATION LOGG WATERIAL WATERIAL WATERIAL DISLODGE   | ER SERIAL # DOWNLOAD FER TEMP LOC D | TIME   | AIR TEMP NDITIONS EASON EIGHT ABOVE ENTS  AIR TEMP NDITIONS EASON EIGHT ABOVE | 12.0     | BANK<br>UTM<br>CREW<br>ICE CON | NDITIONS    | RTYPE   | none             |
| WATER DEPTH BURIED no  Idow nload OK Ill stainless steel cat Anchored to same ro Rpl #9 Vater very low at tai  SITE ID  LOGGER TYPE DOWNLOAD DATE TEST RECORDER TY  WATER DEPTH | 13 YPE  50 c FUNG  ble ok ock as pcnD  illrace | MATERIAL DISLODGE CTIONAL WE  N2  OCATION LOGG WATERIAL WATERIAL WATERIAL DISLODGE   | ER SERIAL # DOWNLOAD FER TEMP LOC D | IO.4  GGER CO  RE  IF DRY, HI  COMMI  COMMI  GGER CO  RE  RE  IF DRY, HI | AIR TEMP NDITIONS EASON EIGHT ABOVE ENTS  AIR TEMP NDITIONS EASON EIGHT ABOVE | 12.0     | BANK<br>UTM<br>CREW<br>ICE CON | NDITIONS    | RTYPE   | none             |
| WATER DEPTH BURIED no  Idow nload OK Ill stainless steel cat Anchored to same ro Rpl #9 Vater very low at tai  SITE ID  LOGGER TYPE DOWNLOAD DATE TEST RECORDER TY  WATER DEPTH | 13 YPE  50 c FUNG  ble ok ock as pcnD  illrace | MATERIAL DISLODGE CTIONAL WE  N2  OCATION LOGG WATERIAL WATERIAL WATERIAL DISLODGE   | ER SERIAL # DOWNLOAD FER TEMP LOC D | IO.4  GGER CO  RE  IF DRY, HI  COMMI  COMMI  GGER CO  RE  RE  IF DRY, HI | AIR TEMP NDITIONS EASON EIGHT ABOVE ENTS  AIR TEMP NDITIONS EASON EIGHT ABOVE | 12.0     | BANK<br>UTM<br>CREW<br>ICE CON | NDITIONS    | RTYPE   | none             |
| WATER DEPTH BURIED no  Idow nload OK Ill stainless steel cat Anchored to same ro Rpl #9 Vater very low at tai  SITE ID  LOGGER TYPE DOWNLOAD DATE TEST RECORDER TY  WATER DEPTH | 13 YPE  50 c FUNG  ble ok ock as pcnD  illrace | MATERIAL DISLODGE CTIONAL WE  N2  OCATION LOGG WATERIAL WATERIAL WATERIAL DISLODGE   | ER SERIAL # DOWNLOAD FER TEMP LOC D | IO.4  GGER CO  RE  IF DRY, HI  COMMI  COMMI  GGER CO  RE  RE  IF DRY, HI | AIR TEMP NDITIONS EASON EIGHT ABOVE ENTS  AIR TEMP NDITIONS EASON EIGHT ABOVE | 12.0     | BANK<br>UTM<br>CREW<br>ICE CON | NDITIONS    | RTYPE   | none             |
| WATER DEPTH BURIED no  low nload OK all stainless steel cat anchored to same ro Rpl #9 v ater very low at tai  BITE ID  LOGGER TYPE DOWNLOAD DATE TEST RECORDER TY  WATER DEPTH | 13 YPE  50 c FUNG  ble ok ock as pcnD  illrace | MATERIAL DISLODGE CTIONAL WE  N2  OCATION LOGG WATERIAL WATERIAL WATERIAL DISLODGE   | ER SERIAL # DOWNLOAD FER TEMP LOC D | IO.4  GGER CO  RE  IF DRY, HI  COMMI  COMMI  GGER CO  RE  RE  IF DRY, HI | AIR TEMP NDITIONS EASON EIGHT ABOVE ENTS  AIR TEMP NDITIONS EASON EIGHT ABOVE | 12.0     | BANK<br>UTM<br>CREW<br>ICE CON | NDITIONS    | RTYPE   | none             |

|  | HYDI   | RO PEA                                    | ICE RIVE                           |   | LIVIPE                                |   |   | NITORING - D   | JUVVINL     | .UAU I                |         |               | IIUN F    | URIVI   |
|--|--|---|------------------------------------|---|---------------------------------------|---|---|--|-------------|-----------------------|---------|---------------|-----------|---|
| SITEID   |  | halfUP2                                   | LOCAT                              |   |                                       |   |   | Halfw ay River   |             | BANK                  |         |               |           | north   |
| LOGGER TY  | PE   | Ti  | dbit                               |   |                                       | SERIAL                                  |   | 10156319   |             | UTM                   |         | 595           | 569       | 6230541   |
| DOWNLOAD   | DATE   | 8   | Jul                                | 201   | 17 <b>DOV</b>                         | WNLOA                                   | DTIME   | 17:55  | 5           | CREW                  |         |               | ВС        |   |
| TEST RECOR   | RDER T   | TYPE                                      | merc                               | ١   | WATER                                 | TEMP                                    | 13.5  | <b>AIR TEMP</b>  | 24          | ICECC                 | DNDI.   | TIONS         |           | none  |
|  |  |   |                                    |   |                                       | LC                                      | OGGER C   | ONDITIONS  |             |                       |         |               |           |   |
| WATER DE   | ₽TH  | 80  | cm <b>D</b> l                      | SLO   | DGED                                  | no                                      | 1   | REASON   |             |                       |         |               |           |   |
| BURIED   | no   |   | FUNCTION                           | AL  | w et                                  |   | IF DRY,   | HEIGHT ABOVE   | WATER       |                       | cm      | TETHE         | RTYPE     | spruce  |
|  |  |   |                                    |   |                                       |   | COMI  | MENTS  |             |                       |         |               |           |   |
| dow nload Ok<br>cable OK<br>RPL#1  | <  |   |                                    |   |                                       |   |   |  |             |                       |         |               |           |   |
| SITEID   |  | halfUP1                                   | LOCAT                              | ION   |                                       |   | u/s of  | Halfway River  |             | BANK                  |         | SO            | uth       |   |
| LOGGER TY  |  |   | dbit                               |   |                                       | SERIAL                                  |   | 9767573  |             | UTM                   |         |               | 165       | 6230094   |
| DOWNLOAD   |  |   | Jul                                |   |                                       | WNLOA                                   |   | 18:05  | 5           | CREW                  |         | 550           | ВС        |   |
| TEST RECOR   | RDER T   | YPE                                       | merc                               | ١   | WATER                                 |   | 17.4  | <b>AIR TEMP</b>  | 15          | ICECC                 | DNDI.   | TIONS         |           | none  |
| WATER  | DTU  | 400                                       | . 5                                | el o  | DOED                                  |   |   | ONDITIONS  |             |                       |         |               |           |   |
| WATER DE   | PIH<br>no  | 180                                       | cm DI                              |   | w et                                  | no                                      |   | REASON<br>HEIGHT ABOVE   | WATER       |                       | cm      | TETHE         | RTYPE     | spruce tree   |
| 20.40  | 110  |   | 3.40 1101                          |   | ** 61                                 |   |   | MENTS  | ·····       |                       | UIII    | الما 1 الما ا | VIII -    | apruce II ee  |
|  |  |   |                                    |   |                                       |   |   |  |             |                       |         |               |           |   |
| LOGGER TYPE  | PE<br>DATE   | 8   | LOCAT                              | <b>LO</b> 201                                       | 17 <b>DOV</b>                         | SERIAL<br>WNLOAI                        | #<br>D TIME   | Halfw ay River<br>10669748<br>17:40  |             | BANK<br>UTM<br>CREW   |         |               | 198<br>BC |   |
| LOGGER TYPE  | PE<br>DATE   | Ti<br>: 8                                 | dbit                               | <b>LO</b> 201                                       |                                       | WNLOAI                                  | #<br>D TIME<br>20.5   | 10669748<br>17:40<br><b>AIR TEMP</b>   | ) 24        | UTM                   | )NDI    |               |           | 6232169   |
| LOGGER TYP<br>DOWNLOAD<br>TEST RECOR   | PE<br>DATE<br>RDER T                                 | Ti<br>8<br><b>YPE</b>                     | dbit<br>Jul<br>merc                | 201<br>\  | 17 DOW                                | WNLOAI<br>TEMP                          | #<br>D TIME<br>20.5<br>DGGER C                                      | 10669748<br>17:40<br>AIR TEMP<br>ONDITIONS   |             | UTM<br>CREW           | DNDI.   |               |           | 6232169<br>TE   |
| LOGGER TYPE  | PE<br>DATE<br>RDER T                                 | Ti 8 <b>TYPE</b> 100                      | dbit<br>Jul                        | 201<br>\<br>\<br>SLOI                               | 17 DOW                                | WNLOAI                                  | # 20.5<br>DGGER C   | 10669748<br>17:40<br>AIR TEMP<br>ONDITIONS<br>REASON   | 24          | UTM<br>CREW           |         |               | ВС        | 6232169<br>TE<br>none                                 |
| LOGGER TYPE<br>DOWNLOAD<br>TEST RECOR  | PE<br>DATE<br>RDER T                                 | Ti 8 <b>TYPE</b> 100                      | dbit Jul merc cm Di                | 201<br>\<br>\<br>SLOI                               | 17 DOW<br>WATER<br>DGED               | WNLOAI<br>TEMP                          | # 20.5 DGGER C IF DRY,  | 10669748<br>17:40<br>AIR TEMP<br>ONDITIONS   | 24          | UTM<br>CREW           |         | TIONS         | ВС        | 6232169<br>TE<br>none                                 |
|  | PE DATE ROER 1                                       | 100                                       | dbit Jul merc cm Di                | 201<br>\<br>\<br>SLOI                               | 17 DOW<br>WATER<br>DGED               | WNLOAI<br>TEMP                          | # 20.5 DGGER C IF DRY,  | 10669748<br>17:40<br>AIR TEMP<br>ONDITIONS<br>REASON<br>HEIGHT ABOVE   | 24          | UTM<br>CREW           |         | TIONS         | ВС        | 6232169<br>TE   |
| WATER DEL BURIED  download ok stainless stee Rpl #15   | PE DATE PORT I                                       | 100 e OK                                  | dbit Jul merc cm Di                | LO<br>201<br>N<br>SLOD                              | 17 DOW<br>WATER<br>DGED               | WNLOAI<br>TEMP                          | # D TIME 20.5 DOGGER C I IF DRY, COMI                               | 10669748<br>17:40<br>AIR TEMP<br>ONDITIONS<br>REASON<br>HEIGHT ABOVE<br>WENTS  | 24          | UTM<br>CREW           |         | TIONS         | ВС        | 6232169<br>TE<br>none                                 |
| WATER DEL BURIED  download ok stainless stee Rpl #15   | PE DATE PORT I                                       | Ti 8 8 FYPE 100 100 e OK                  | dbit Jul merc cm Di                | LO<br>2011<br>N<br>SLOI<br>AL                       | DGED wet                              | WNLOAI<br>TEMP                          | # D TIME 20.5 DGGER C I IF DRY, COMI                                | 10669748<br>17:40<br>AIR TEMP<br>ONDITIONS<br>REASON<br>HEIGHT ABOVE   | 24          | UTM<br>CREW<br>ICE CO |         | TETHE         | ВС        | 6232169<br>TE<br>none<br>balsam po                    |
| OGGER TYPE DOWNLOAD TEST RECOR WATER DEL BURIED  download ok stainless stee Rpl #15  BITE ID OGGER TYPE DOWNLOAD                     | PE DATE  | 100 100 E OK                              | J LOCAT                            | LO<br>2011<br>N<br>SLOD<br>AL<br>CION<br>LO<br>2011 | DGED wet DGGER 9                      | NNLOA<br>TEMP<br>LC<br>no               | # D TIME 20.5 DGGER C I IF DRY, COMII  d/s of # D TIME              | Halfway River 10156314 17:40 AIR TEMP ONDITIONS REASON HEIGHT ABOVE WENTS  | WATER       | UTM<br>CREW<br>ICE CO | cm      | TETHER        | R TYPE    | 6232169 TE none balsam pop balsam pop                 |
| OGGER TYPE DOWNLOAD TEST RECOR WATER DEL BURIED  download ok stainless stee Rpl #15  BITE ID OGGER TYPE DOWNLOAD                     | PE DATE  | 100 100 E OK                              | J LOCAT                            | LO<br>2011<br>N<br>SLOD<br>AL<br>CION<br>LO<br>2011 | DOWNATER  DOGED  Wet                  | NNLOA<br>TEMP<br>LC<br>no               | # D TIME 20.5 DGGER C I I I I I I I I I I I I I I I I I I           | 10669748 17:40 AIR TEMP ONDITIONS REASON HEIGHT ABOVE WENTS  Halfway River 10156314 17:37 AIR TEMP                               | WATER       | UTM<br>CREW<br>ICE CO | cm      | TETHER        | R TYPE    | 6232169 TE none balsam por                            |
| WATER DEBURIED  download okstainless steel Rpl #15  SITE ID LOGGER TYP DOWNLOAD TEST RECOR   | PE DATE ROER I                                       | Ti 8 FYPE  100  e OK  iifDN2_Bi Ti 8 FYPE | J LOCAT                            | LO 2011 N SLORING LO 2011 N                         | DGED wet DGGER SUFFER DOWN TER        | NNLOAI TEMP LC no SERIAL NNLOAI TEMP LC | # D TIME 20.5 DGGER C I IF DRY, COMII  d/s of # D TIME 20.5 DGGER C | Halfway River 10156314 17:37 AIR TEMP ONDITIONS REASON HEIGHT ABOVE WENTS  | WATER       | UTM<br>CREW<br>ICE CO | cm      | TETHER        | R TYPE    | 6232169 TE none balsam pop balsam pop                 |
| COGGER TYPE DOWNLOAD FEST RECOR WATER DE BURIED  download ok stainless stee Rpl #15  SITE ID LOGGER TYPE DOWNLOAD                    | PE DATE ROER I                                       | 100 100 100 100 100 100 100 100 100 100   | J LOCAT                            | SLOD<br>LO<br>201<br>V<br>SLOD<br>AL                | DGED wet DGGER SUFFER DOWN TER        | NNLOA<br>TEMP<br>LC<br>no               | # D TIME 20.5 DGGER C III IF DRY, COMI                              | 10669748 17:40 AIR TEMP ONDITIONS REASON HEIGHT ABOVE WENTS  Halfway River 10156314 17:37 AIR TEMP                               | 24<br>WATER | UTM<br>CREW<br>ICE CO | Cm DNDI | TETHER        | R TYPE    | 6232169 TE none balsam pop  north 6263144 TE none     |
| WATER DEL DOWNLOAD TEST RECOR WATER DEL BURIED  download ok stainless stee Rpl #15  SITE ID LOGGER TYP DOWNLOAD TEST RECOR WATER DE  | PE PTH no ha   | 100 100 100 100 100 100 100 100 100 100   | J LOCAT dbit  July merc  July merc | SLOD<br>LO<br>201<br>V<br>SLOD<br>AL                | DGED Wet DGGED Wet DGGED WET DOWN TER | NNLOAI TEMP LC no SERIAL NNLOAI TEMP LC | # D TIME 20.5  OGGER C I I I I I I I I I I I I I I I I I I          | 10669748 17:40 AIR TEMP ONDITIONS REASON HEIGHT ABOVE WENTS  Halfway River 10156314 17:37 AIR TEMP ONDITIONS REASON              | 24<br>WATER | UTM<br>CREW<br>ICE CO | Cm DNDI | TETHER  598   | R TYPE    | 6232169 TE none balsam pop  north 6263144 TE          |
| OGGER TYPE DOWNLOAD TEST RECOR WATER DE BURIED  download ok stainless stee Rpl #15  BITE ID LOGGER TYPE DOWNLOAD TEST RECOR WATER DE | PE DATE RDER 1 PTH no el cable PE DATE RDER 1 PTH no | 100 100 100 100 100 100 100 100 100 100   | J LOCAT dbit  July merc  July merc | SLOD<br>LO<br>201<br>V<br>SLOD<br>AL                | DGED Wet DGGED Wet DGGED WET DOWN TER | NNLOAI TEMP LC no SERIAL NNLOAI TEMP LC | # D TIME 20.5  OGGER C I I I I I I I I I I I I I I I I I I          | 10669748 17:40 AIR TEMP ONDITIONS REASON HEIGHT ABOVE WENTS  Halfway River 10156314 17:37 AIR TEMP ONDITIONS REASON HEIGHT ABOVE | 24<br>WATER | UTM<br>CREW<br>ICE CO | Cm DNDI | TETHER  598   | R TYPE    | 6232169 TE none balsam por balsam por 6263144 TE none |

| BC HYD   | RO PEAC         | E RIVER  | TEMPERATU                                    | RE MON                 | ITORING - D   | OWNL  | OAD INF                         | ORMAT                | ION F     | ORM                            |
|--|-----------------|----------|--|------------------------|---|-------|---------------------------------|----------------------|-----------|--------------------------------|
|  | mobUP2          | LOCATION |  |                        | Moberly River   |       | BANK                            |                      |           | north                          |
| LOGGER TYPE  | Tidb            |          | OGGER SERIAL                                 |                        | 10669754  |       | UTM                             | 627                  | 501       | 6232563                        |
| DOWNLOAD DATE  | 14              |          | 17 DOWNLOA                                   |                        | 10:25   |       | CREW                            | 02.                  | BC        |                                |
| TEST RECORDER 1  | ГҮРЕ            | YSI      | WATER TEMP                                   | 11.9                   | AIR TEMP  | 16.0  | ICE COND                        | ITIONS               |           | none                           |
|  |                 |          | L  | OGGER CO               | ONDITIONS   |       |                                 |                      |           |                                |
| WATER DEPTH  | 80              | cm DISLC | <b>DOGED</b> no                              | R                      | EASON   |       |                                 |                      |           |                                |
| BURIED   | yes <b>FU</b>   | NCTIONAL | w et   | IF DRY, H              | EIGHT ABOVE   | WATER | cm                              | TETHER               | RTYPE     | spruce                         |
|  |                 |          |  | COMM                   | ENTS  |       |                                 |                      |           |                                |
| RPL#16<br>dow nload OK<br>buried in sediment   |                 |          |  |                        |   |       |                                 |                      |           |                                |
| SITEID   | mobUP1          | LOCATION |  | u/s of l               | Moberly River   |       | BANK                            | SOL                  | ıth       |                                |
| LOGGER TYPE  | Tidb            |          | OGGER SERIAL                                 |                        | 10887852  |       | UTM                             | 627                  |           | 6232349                        |
| DOWNLOAD DATE  |                 |          | 17 DOWNLOA                                   |                        | 10:39   |       | CREW                            | OZ.                  | ВС        |                                |
| TEST RECORDER 1  | ГҮРЕ            | YSI      | WATER TEMP                                   | 11.8                   | AIR TEMP  | 16.0  | ICE COND                        | ITIONS               |           | none                           |
|  |                 |          |  |                        | ONDITIONS   |       |                                 |                      |           |                                |
| WATER DEPTH  | 70              | cm DISLC |  |                        | EASON   | MATER |                                 | TETHE                | ) T\/DC   |                                |
| <b>BURIED</b> no   | FU              | NCTIONAL | w et   | OM M                   | EIGHT ABOVE   | WAIER | cm                              | TETHER               | KIYPE     | alder                          |
| SITE ID mo LOGGER TYPE DOWNLOAD DATE TEST RECORDER T  WATER DEPTH BURIED no  download OK  RPL#18 | Tidb 14 TYPE 30 |          | OGGER SERIAL<br>17 DOWNLOA<br>WATER TEMP     | # 12.3 OGGER CO        | Moberly River 10676147 10:03 AIR TEMP DIDITIONS EASON BEIGHT ABOVE  | 18.0  | BANK<br>UTM<br>CREW<br>ICE COND | SOU 6300             | 875<br>BC | 6229275<br>TE<br>none<br>alder |
| SITE ID LOGGER TYPE DOWNLOAD DATE TEST RECORDER T  WATER DEPTH BURIED no                         | <b>50</b>       |          | OGGER SERIAL 17 DOWNLOA WATER TEMP LODGED NO | # D TIME 12.3 OGGER CC | Moberly River 10676146 10:10 AIR TEMP DINDITIONS EASON IEIGHT ABOVE | 16.0  | BANK<br>UTM<br>CREW<br>ICE COND | SOL<br>630<br>ITIONS | 776<br>BC | 6229287<br>TE<br>none<br>alder |
|  |                 |          |  | COMM                   | ENI S   |       |                                 |                      |           |                                |
| dow nload OK<br>Rpl # 17   |                 |          |  |                        |   |       |                                 |                      |           |                                |

| LOGGER TYPE  |   | PEACE RIV                                   | -R IEMPERAL  | URF MON  | ITORING - I   | DOWNI | OAD II                | VEORM 2               | TION FO   | )RM           |
|--|---|---|--|--|---|-------|-----------------------|-----------------------|-----------|---------------|
| LOGGER TYPE  |   |   |  |  |   |       |                       |                       |           | north         |
| DOWNLOAD DATE  |   |   |  |  |   |       |                       | 6/1                   | 653       | 6225304       |
| TEST RECORDER TYPE  VSI  WATER TEMP  1:00  REASON  WATER DEPTH  1:00  REASON  BURIED  Ves  FUNCTIONAL  Wet  FORM, HEGHT ABOVE WATER  COMMENTS  COM |   |   |  |  |   | 9     |                       | 041                   |           |               |
| WATER DEPTH 150 cm DISLODGED no REASON BURIED yes FUNCTIONAL wet 1 FORY, HEIGHT ABOVE WATER cm TETHER TYPE balsary COMMENTS  STEID pineLPT LOCATION  |   |   |  |  |   | -     |                       | NDITIONS              |           |               |
| WATER DEPTH 150 cm DISLODGED NO IF DRY, HBIGHT ABOVE WATER CM TETHER TYPE balsam COMMENTS  TOWN Incard CK Stainless steel cable CK RPL #6 University of the Comment of the  | LOTILLOCKBERTITI  | 101   |  | 1=15   |   | 10.0  | 102 00                | HEITIONO              |           | TIOTIC        |
| BURIED Yes FUNCTIONAL Wet IF DRY, HEIGHT ABOVE WATER COMMENTS  COM | WATER DEPTH   | 150 cm <b>D</b>                             |  |  |   |       |                       |                       |           |               |
| COMMENTS    Comment   Comm |   |   |  |  |   | WATED |                       | cm TETHE              | D TVDE    | hala ana na n |
| dow nload OK Stainless steel cable OK RR_#8  STEID pineUPI LOCATION  | DOI/ILD ye  | 35 TONCTION                                 | AL Wet   |  |   | WAILK |                       | CIII ILIIILI          | X I I I L | baisampop     |
| WATER DEPTH 50 cm DISLODGED NO REASON COMMENTS    Comment  | Stainless steel cable Ol RPL#6 puried in sediment  SITE ID pine LOGGER TYPE DOWNLOAD DATE   | UP1 LOCA<br>Tidbit<br>14 Jul                | LOGGER SERIA<br>2017 DOWNLO                        | AL#<br>OAD TIME  | 10669747<br>11:09   | -     | UTM<br>CREW           | 641                   | 034<br>BC |               |
| WATER DEPTH 50 cm DISLODGED no REASON BURIED no FUNCTIONAL wet IF DRY, HEIGHT ABOVE WATER cm TETHER TYPE aide  COMMENTS  SITE ID pineDN1_BU LOCATION   | EST RECORDER TYPE   | E 131                                       |  |  |   | 16.0  | ICECO                 | NDITIONS              |           | none          |
| BURIED NO FUNCTIONAL Wet IF DRY, HEIGHT ABOVE WATER CM TETHER TYPE added to comment to the comment of the comme | WATER DEPTH   | 50 cm <b>D</b>                              |  |  |   |       |                       |                       |           |               |
| COMMENTS  SITE ID pineDN1_BU LOCATION  |   | 9111  |  |  |   | WATER |                       | cm TETHE              | RTYPE     | alder         |
| Jow nload OK Rp # 14 Stainless steel cable OK  SITE ID pineDN1_BU LOCATION   |   |   |  | •  |   |       |                       |                       |           |               |
| OWNLOAD DATE 14 Jul 2017 DOWNLOAD TIME 12:27 CREW BC TE  EST RECORDER TYPE YSI WATER TEMP 13.8 AIR TEMP 16.0 ICE CONDITIONS none  LOGGER CONDITIONS  WATER DEPTH cm DISLODGED no REASON  BURIED no FUNCTIONAL dry IF DRY, HEIGHT ABOVE WATER 100 cm TETHER TYPE aldo  COMMENTS  RPL# 25  OWNLOAD DATE 14 Jul 2017 DOWNLOAD TIME 12:06 CREW BC TE  EST RECORDER TYPE Tidbit LOGGER SERIAL # 2226322 UTM 648101 62226  DOWNLOAD DATE 14 Jul 2017 DOWNLOAD TIME 12:06 CREW BC TE  EST RECORDER TYPE YSI WATER TEMP 13.8 AIR TEMP 16.0 ICE CONDITIONS none  LOGGER CONDITIONS  WATER DEPTH cm DISLODGED yes REASON debris  BURIED no FUNCTIONAL dry IF DRY, HEIGHT ABOVE WATER 150 cm TETHER TYPE aldo  COMMENTS  WATER DEPTH cm DISLODGED yes REASON debris  BURIED no FUNCTIONAL dry IF DRY, HEIGHT ABOVE WATER 150 cm TETHER TYPE aldo  COMMENTS  OWNLOAD OK  WATER DEPTH cm DISLODGED yes REASON debris  BURIED no FUNCTIONAL dry IF DRY, HEIGHT ABOVE WATER 150 cm TETHER TYPE aldo  COMMENTS  OWNLOAD OK  WATER DEPTH cm DISLODGED yes REASON debris  COMMENTS   |   |   | ΓΙΟΝ   | d/s o  |   |       |                       |                       |           |               |
| TEST RECORDER TYPE  YSI WATER TEMP  13.8 AIR TEMP 16.0 ICE CONDITIONS  NONE  LOGGER CONDITIONS  WATER DEPTH  Cm DISLODGED  NO REASON  FUNCTIONAL  dry IF DRY, HEIGHT ABOVE WATER  COMMENTS  RPL# 25  IOWN INCOME  WATER DEPTH  COMMENTS  RPL# 25  IOWN INCOME  WATER DEPTH  LOCATION  OGGER TYPE  Tidbit  LOGGER SERIAL #  2226322  UTM  648101  648101  62221  DOWNLOAD DATE  14 Jul  2017  DOWNLOAD TIME  12:06  CREW  BC TE  TEST RECORDER TYPE  YSI WATER TEMP 13.8 AIR TEMP 16.0 ICE CONDITIONS  NONE  TETHER TYPE  AIR  AIR  AIR  AIR  AIR  AIR  AIR  AI   |   |   |  |  |   |       |                       | 648                   |           | 6222823       |
| WATER DEPTH cm DISLODGED no REASON TETHER TYPE alde COMMENTS  RPL# 25 How nload OK How shore but no debris, cottonwood on top of cable  STEID pineDN1 LOCATION   |   |   |  |  |   | •     |                       | NDITIONS              |           |               |
| WATER DEPTH  | LST RECORDER TIFE   | _ 131                                       |  |  |   | 10.0  | ICECO                 | NDITIONS              |           | TIONE         |
| COMMENTS  RPL# 25 low nload OK new stainless steel cable wung to shore but no debris, cottonwood on top of cable  BITE ID pineDN1 LOCATION   | WATER DEPTH   | cm D  |  |  |   |       |                       |                       |           |               |
| RPL# 25 dow nload OK new stainless steel cable aw ung to shore but no debris, cottonwood on top of cable  SITE ID pineDN1 LOCATION   | <b>BURIED</b> no  | FUNCTION                                    | IAL dry  | IF DRY, H  | EIGHT ABOVE   | WATER | 100                   | cm TETHE              | RTYPE     | alder         |
| dow nload OK new stainless steel cable sw ung to shore but no debris, cottonwood on top of cable  SITE ID pineDN1 LOCATION   |   |   |  | COMM   | ENTS  |       |                       |                       |           |               |
| dow nload OK new stainless steel cable sw ung to shore but no debris, cottonw ood on top of cable  SITE ID pineDN1 LOCATION  |   |   |  |  |   |       |                       |                       |           |               |
| new stainless steel cable  sw ung to shore but no debris, cottonw ood on top of cable  SITE ID pineDN1 LOCATION  |   |   |  |  |   |       |                       |                       |           |               |
| SITE ID pine DN1 LOCATION  |   |   |  |  |   |       |                       |                       |           |               |
| COGGER TYPE Tidbit LOGGER SERIAL # 2226322 UTM 648101 62226  COWNLOAD DATE 14 Jul 2017 DOWNLOAD TIME 12:06 CREW BC TE  TEST RECORDER TYPE YSI WATER TEMP 13.8 AIR TEMP 16.0 ICE CONDITIONS none  LOGGER CONDITIONS  WATER DEPTH cm DISLODGED yes REASON debris  BURIED no FUNCTIONAL dry IF DRY, HEIGHT ABOVE WATER 150 cm TETHER TYPE aldered to shore by debris and exposed  | low nload OK  | ole   |  |  |   |       |                       |                       |           |               |
| COGGER TYPE Tidbit LOGGER SERIAL # 2226322 UTM 648101 62226  COWNLOAD DATE 14 Jul 2017 DOWNLOAD TIME 12:06 CREW BC TE  TEST RECORDER TYPE YSI WATER TEMP 13.8 AIR TEMP 16.0 ICE CONDITIONS none  LOGGER CONDITIONS  WATER DEPTH cm DISLODGED yes REASON debris  BURIED no FUNCTIONAL dry IF DRY, HEIGHT ABOVE WATER 150 cm TETHER TYPE alder  COMMENTS  Sow nload OK wire ung to shore by debris and exposed   | low nload OK<br>new stainless steel cab   |   | ood on top of cab                                  | le   |   |       |                       |                       |           |               |
| COGGER TYPE Tidbit LOGGER SERIAL # 2226322 UTM 648101 62226  COWNLOAD DATE 14 Jul 2017 DOWNLOAD TIME 12:06 CREW BC TE  TEST RECORDER TYPE YSI WATER TEMP 13.8 AIR TEMP 16.0 ICE CONDITIONS none  LOGGER CONDITIONS  WATER DEPTH cm DISLODGED yes REASON debris  BURIED no FUNCTIONAL dry IF DRY, HEIGHT ABOVE WATER 150 cm TETHER TYPE alder  COMMENTS  Sow nload OK wire ung to shore by debris and exposed   | low nload OK<br>new stainless steel cab   |   | ood on top of cab                                  | ıle  |   |       |                       |                       |           |               |
| COGGER TYPE Tidbit LOGGER SERIAL # 2226322 UTM 648101 62226  COWNLOAD DATE 14 Jul 2017 DOWNLOAD TIME 12:06 CREW BC TE  TEST RECORDER TYPE YSI WATER TEMP 13.8 AIR TEMP 16.0 ICE CONDITIONS none  LOGGER CONDITIONS  WATER DEPTH cm DISLODGED yes REASON debris  BURIED no FUNCTIONAL dry IF DRY, HEIGHT ABOVE WATER 150 cm TETHER TYPE alder  COMMENTS  Sow nload OK wire ung to shore by debris and exposed   | low nload OK<br>new stainless steel cab   |   | ood on top of cab                                  | ıle  |   |       |                       |                       |           |               |
| OOWNLOAD DATE 14 Jul 2017 DOWNLOAD TIME 12:06 CREW BC TE  FEST RECORDER TYPE YSI WATER TEMP 13.8 AIR TEMP 16.0 ICE CONDITIONS none  LOGGER CONDITIONS  WATER DEPTH cm DISLODGED yes REASON debris  BURIED no FUNCTIONAL dry IF DRY, HEIGHT ABOVE WATER 150 cm TETHER TYPE alde  COMMENTS  LOGGER CONDITIONS  WATER DEPTH cm DISLODGED yes REASON debris  COMMENTS  | low nload OK<br>new stainless steel cat<br>w ung to shore but no  | debris, cottonw                             |  |  |   |       |                       |                       |           |               |
| TEST RECORDER TYPE  YSI  WATER TEMP  13.8  AIR TEMP  16.0  ICE CONDITIONS  None  LOGGER CONDITIONS  WATER DEPTH  cm DISLODGED  yes REASON  Gebris  BURIED  no FUNCTIONAL  dry IF DRY, HEIGHT ABOVE WATER  COMMENTS  COMMENTS   | low nload OK new stainless steel cat w ung to shore but no  | debris, cottonw                             | TION   | d/s o  |   |       |                       |                       |           | 000000        |
| LOGGER CONDITIONS  WATER DEPTH cm DISLODGED yes REASON debris  BURIED no FUNCTIONAL dry IF DRY, HEIGHT ABOVE WATER 150 cm TETHER TYPE alde  COMMENTS  LOGGER CONDITIONS  JUNE 150 cm TETHER TYPE alde  COMMENTS  | low nload OK lew stainless steel cat w ung to shore but no  SITE ID pine LOGGER TYPE  | debris, cottonw                             | FION LOGGER SERIA                                  | d/s o  | 2226322   |       | UTM                   |                       | 101       |               |
| BURIED NO FUNCTIONAL dry IF DRY, HEIGHT ABOVE WATER 150 cm TETHER TYPE alde COMMENTS  Solve In the comment of t | low nload OK new stainless steel cat w ung to shore but no  SITE ID pine LOGGER TYPE DOWNLOAD DATE  | debris, cottonw  DN1 LOCA  Tidbit  14 Jul   | FION  LOGGER SERIA  2017 DOWNLO                    | d/s o  | 2226322<br>12:06  | -     | UTM<br>CREW           | 648                   | 101       |               |
| COMMENTS  low nload OK w ung to shore by debris and exposed  | low nload OK new stainless steel cat w ung to shore but no  SITE ID pine LOGGER TYPE DOWNLOAD DATE  | debris, cottonw  DN1 LOCA  Tidbit  14 Jul   | LOGGER SERIA<br>2017 DOWNLO<br>WATER TEM           | d/s o<br>AL #<br>DAD TIME<br>P 13.8  | 2226322<br>12:06<br><b>AIR TEMP</b>                               | -     | UTM<br>CREW           | 648                   | 101       | TE            |
| dow nload OK<br>sw ung to shore by debris and exposed  | download OK new stainless steel cat sw ung to shore but no  SITE ID pine LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE   | DN1 LOCA Tidbit 14 Jul E YSI                | LOGGER SERIA 2017 DOWNLO WATER TEM                 | d/s of the distribution of | 2226322<br>12:06<br>AIR TEMP<br>DNDITIONS<br>EASON                | 16.0  | UTM<br>CREW           | 648                   | 101       | TE            |
| sw ung to shore by debris and exposed  | dow nload OK new stainless steel cat new stainless steel cat new ung to shore but no  SITE ID pine LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH                                     | DN1 LOCA Tidbit 14 Jul E YSI                | LOGGER SERIA 2017 DOWNLO WATER TEM                 | d/s of the distribution of | 2226322<br>12:06<br>AIR TEMP<br>DNDITIONS<br>EASON<br>EIGHT ABOVE | 16.0  | UTM<br>CREW<br>ICE CO | 648  NDITIONS  debris | BC :      | TE            |
| sw ung to shore by debris and exposed  | download OK new stainless steel cat sw ung to shore but no  SITE ID pine  LOGGER TYPE  DOWNLOAD DATE TEST RECORDER TYPE  WATER DEPTH  | DN1 LOCA Tidbit 14 Jul E YSI                | LOGGER SERIA 2017 DOWNLO WATER TEM                 | d/s of the distribution of | 2226322<br>12:06<br>AIR TEMP<br>DNDITIONS<br>EASON<br>EIGHT ABOVE | 16.0  | UTM<br>CREW<br>ICE CO | 648  NDITIONS  debris | BC :      | TE<br>none    |
|  | dow nload OK new stainless steel cat sw ung to shore but no  SITE ID pine LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no  | DN1 LOCA Tidbit 14 Jul E YSI                | LOGGER SERIA 2017 DOWNLO WATER TEM                 | d/s of the distribution of | 2226322<br>12:06<br>AIR TEMP<br>DNDITIONS<br>EASON<br>EIGHT ABOVE | 16.0  | UTM<br>CREW<br>ICE CO | 648  NDITIONS  debris | BC :      | TE<br>none    |
|  | dow nload OK new stainless steel cat new ung to shore but no  SITE ID pine LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no   | DN1 LOCA Tidbit 14 Jul E YSI cm D           | LOGGER SERIA 2017 DOWNLO WATER TEM SLODGED VAL dry | d/s of the distribution of | 2226322<br>12:06<br>AIR TEMP<br>DNDITIONS<br>EASON<br>EIGHT ABOVE | 16.0  | UTM<br>CREW<br>ICE CO | 648  NDITIONS  debris | BC :      | TE<br>none    |
|  | low nload OK new stainless steel cat new ung to shore but no  SITE ID pine DOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no  low nload OK now ung to shore by deb             | DN1 LOCA Tidbit 14 Jul E YSI  Cm D FUNCTION | LOGGER SERIA 2017 DOWNLO WATER TEM SLODGED VAL dry | d/s of the distribution of | 2226322<br>12:06<br>AIR TEMP<br>DNDITIONS<br>EASON<br>EIGHT ABOVE | 16.0  | UTM<br>CREW<br>ICE CO | 648  NDITIONS  debris | BC :      | TE<br>none    |
|  | low nload OK lew stainless steel cat lew ung to shore but no  SITE ID pine LOGGER TYPE LOGGER TYPE LOWNLOAD DATE LEST RECORDER TYPE WATER DEPTH BURIED no  LOW nload OK lew ung to shore by deb | DN1 LOCA Tidbit 14 Jul E YSI  Cm D FUNCTION | LOGGER SERIA 2017 DOWNLO WATER TEM SLODGED VAL dry | d/s of the distribution of | 2226322<br>12:06<br>AIR TEMP<br>DNDITIONS<br>EASON<br>EIGHT ABOVE | 16.0  | UTM<br>CREW<br>ICE CO | 648  NDITIONS  debris | BC :      | TE<br>none    |
|  | low nload OK lew stainless steel cat lew ung to shore but no  SITE ID pine LOGGER TYPE LOGGER TYPE LOWNLOAD DATE LEST RECORDER TYPE WATER DEPTH BURIED no  LOW nload OK lew ung to shore by deb | DN1 LOCA Tidbit 14 Jul E YSI  Cm D FUNCTION | LOGGER SERIA 2017 DOWNLO WATER TEM SLODGED VAL dry | d/s of the distribution of | 2226322<br>12:06<br>AIR TEMP<br>DNDITIONS<br>EASON<br>EIGHT ABOVE | 16.0  | UTM<br>CREW<br>ICE CO | 648  NDITIONS  debris | BC :      | TE<br>none    |

| DC HVDDC   | DEACE  | DIVED  | TEMPE  | DATUDE  | MONITO   | DINC F   | IIA/AI/   |                       | NIEC  | DMAA             | FION E               | ODM                           |
|--|--|--|--|---|--|--|-----------|-----------------------|-------|------------------|----------------------|-------------------------------|
| BC HYDRO   |  |  |  | KATUKET   |  |  | OWNL      |                       | NFC   | KIVIA            | ION F                | ORIVI                         |
| LOGGER TYPE  | Tidbit   | LOCATIO  |  | EDIAL #   | GMS Fo   |  |           | BANK                  |       | 540              | 0.4.4                | 000000                        |
| DOWNLOAD DATE  | 20   |  | OGGER S  | ERIAL #<br>NLOAD TIN  |  | 10676155<br>11:37  | ,         | UTM                   |       | 548              | 841<br>BC            | 6209022                       |
|  | -  | YSI  |  |   |  | -  |           | CREW                  |       | -1010            | ьс                   |                               |
| TEST RECORDER TYPE   | PE   | 131  | WATER  |   |  | RTEMP  | 5         | ICECC                 | וטאכ  | IIONS            |                      | none                          |
| MATER REPUT  | 400  | DIO  | ODOFD  |   | ER CONDI   |  |           |                       |       |                  |                      |                               |
| WATER DEPTH  |  | cm DISL  |  | no  | REAS   |  |           |                       |       |                  |                      |                               |
| <b>BURIED</b> no   | FUN  | ICTIONAL   | . wet  |   | •  | HT ABOVE   | WATER     |                       | cm    | TETHER           | RIYPE                | steel buoy                    |
|  |  |  |  | C   | OMMENT   | S  |           |                       |       |                  |                      |                               |
| Dow nload OK   |  |  |  |   |  |  |           |                       |       |                  |                      |                               |
| Stainless steel cable (  | ⊃K   |  |  |   |  |  |           |                       |       |                  |                      |                               |
| RPL#19   |  |  |  |   |  |  |           |                       |       |                  |                      |                               |
|  |  |  |  |   |  |  |           |                       |       |                  |                      |                               |
|  |  |  |  |   |  |  |           |                       |       |                  |                      |                               |
|  |  |  |  |   |  |  |           |                       |       |                  |                      |                               |
|  |  |  |  |   |  |  |           |                       |       |                  |                      |                               |
|  |  | LOCATIO  |  |   | GMS Fo   |  |           | BANK                  |       |                  |                      |                               |
| LOGGER TYPE  | Tidbit   |  | OGGER S  |   |  | 10676180   |           | UTM                   |       | 548              | 841                  | 6209022                       |
| DOWNLOAD DATE  | 20   |  |  | NLOAD TIN   |  | 11:40  |           | CREW                  |       |                  | BC                   |                               |
| TEST RECORDER TYPE   | PE   | YSI  | WATER  |   | 0.6 AI   | RTEMP  | 5         | ICECC                 | NDI1  | TIONS            |                      | none                          |
| WATER DEPTH  | 1000   | cm DISL  | ODGED  | no  | REAS   |  |           |                       |       |                  |                      |                               |
| BURIED no  |  | ICTIONAL   |  |   |  | HT ABOVE   | WATER     |                       | cm    | TETHER           | RTYPE                | steel buoy                    |
|  |  |  |  |   | OM M ENT   |  |           |                       | •     |                  |                      | otoo. Duey                    |
|  |  |  |  |   |  |  |           |                       |       |                  |                      |                               |
| Dow nload OK   |  |  |  |   |  |  |           |                       |       |                  |                      |                               |
| Stainless steel cable (  | OK   |  |  |   |  |  |           |                       |       |                  |                      |                               |
| RPL#20   |  |  |  |   |  |  |           |                       |       |                  |                      |                               |
|  |  |  |  |   |  |  |           |                       |       |                  |                      |                               |
|  |  |  |  |   |  |  |           |                       |       |                  |                      |                               |
|  |  |  |  |   |  |  |           |                       |       |                  |                      |                               |
|  |  |  |  |   |  |  |           |                       |       |                  |                      |                               |
| SITE ID gm   | ns DN2   | LOCATIO  | N  | (   | GMS Tailra   | ace RDB  |           | BANK                  |       |                  |                      | north                         |
| SITE ID gm   | ns DN2   I   |  | N<br>LOGGER S  |   |  | ace RDB<br>10669739  |           | BANK<br>UTM           |       | 548              | 828                  | north<br>6207836              |
|  |  | L  | OGGER S  |   |  |  |           |                       |       | 548              | 828<br>BC            | 6207836                       |
| LOGGER TYPE  | Tidbit<br>20   | L  | OGGER S  | ERIAL#<br>INLOADTIN<br>FEMP   | <b>//E</b>   | 10669739<br>12:12<br>IR TEMP   | !<br>10   | UTM                   | ONDIT |                  |                      | 6207836                       |
| LOGGER TYPE<br>DOWNLOAD DATE<br>TEST RECORDER TYPE   | Tidbit<br>20<br>PE   | Oct 2<br>YSI   | OGGER S<br>017 DOW<br>WATER 1  | ERIAL # NLOAD TIN FEM P 9 LOGGE   | ME<br>0.8 A<br>ER CONDI  | 10669739<br>12:12<br>IR TEMP<br>TIONS  |           | UTM<br>CREW           | DNDI  |                  |                      | 6207836<br>TE                 |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH   | Tidbit 20 PE 150 (   | Oct 2 YSI  | OGGER S<br>017 DOW<br>WATER 1  | ERIAL # NLOAD TIN FEMP 9 LOGGE  | A.8 A<br>ER CONDI<br>REAS  | 10669739<br>12:12<br>IR TEMP<br>TIONS<br>ON  | 10        | UTM<br>CREW           |       | TIONS            | BC                   | 6207836<br>TE<br>none         |
| LOGGER TYPE<br>DOWNLOAD DATE<br>TEST RECORDER TYPE   | Tidbit 20 PE 150 (   | Oct 2<br>YSI   | OGGER S<br>017 DOW<br>WATER 1  | ERIAL # NLOAD TIM FEMP 9 LOGGE no IF D  | A A A CONDI REAS   | 10669739<br>12:12<br>IR TEMP<br>TIONS<br>ON<br>HT ABOVE  | 10        | UTM<br>CREW           |       |                  | BC                   | 6207836<br>TE                 |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH   | Tidbit 20 PE 150 (   | Oct 2 YSI  | OGGER S<br>017 DOW<br>WATER 1  | ERIAL # NLOAD TIM FEMP 9 LOGGE no IF D  | A.8 A<br>ER CONDI<br>REAS  | 10669739<br>12:12<br>IR TEMP<br>TIONS<br>ON<br>HT ABOVE  | 10        | UTM<br>CREW           |       | TIONS            | BC                   | 6207836<br>TE<br>none         |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED NO   | Tidbit<br>20<br>PE<br>150 (FUN   | Oct 2 YSI  Cm DISL   | OGGER S<br>017 DOW<br>WATER T<br>ODGED<br>. wet                                | ERIAL # NLOAD TIN FEMP 9 LOGGE no IF D  | A A A CONDI REAS   | 10669739<br>12:12<br>IR TEMP<br>TIONS<br>ON<br>HT ABOVE  | 10        | UTM<br>CREW           |       | TIONS            | BC                   | 6207836<br>TE<br>none         |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH   | Tidbit<br>20<br>PE<br>150 (FUN   | Oct 2 YSI  Cm DISL   | OGGER S<br>017 DOW<br>WATER T<br>ODGED<br>. wet                                | ERIAL # NLOAD TIN FEMP 9 LOGGE no IF D  | A A A CONDI REAS   | 10669739<br>12:12<br>IR TEMP<br>TIONS<br>ON<br>HT ABOVE  | 10        | UTM<br>CREW           |       | TIONS            | BC                   | 6207836<br>TE<br>none         |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no  Back-up logger gms Df  | Tidbit 20 PE 150 FUN   | Oct 2 YSI  DISL ICTIONAL   | OGGER S<br>017 DOW<br>WATER T<br>ODGED<br>. wet                                | ERIAL # NLOAD TIN FEMP S LOGGE no IF D C  | ME<br>0.8 A<br>ER CONDI<br>REAS<br>RY, HEIGI<br>OMMENT   | 10669739<br>12:12<br>IR TEMP<br>TIONS<br>ON<br>HT ABOVE  | 10        | UTM<br>CREW           |       | TIONS            | BC                   | 6207836<br>TE<br>none         |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYI  WATER DEPTH BURIED no  Back-up logger gms Di both dow nloads OK cable ok (stainless st Primary Logger-Rpl #1  | Tidbit 20 PE 150 FUN 12-BU 203 eel cable s 1, SN 106   | Oct 2 YSI  DISL ICTIONAL  88614 in sa  | OGGER S<br>017 DOW<br>WATER T<br>ODGED<br>. wet                                | ERIAL # NLOAD TIN FEMP S LOGGE no IF D C  | ME<br>0.8 A<br>ER CONDI<br>REAS<br>RY, HEIGI<br>OMMENT   | 10669739<br>12:12<br>IR TEMP<br>TIONS<br>ON<br>HT ABOVE  | 10        | UTM<br>CREW           |       | TIONS            | BC                   | 6207836<br>TE<br>none         |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no  Back-up logger gms Dr both dow nloads OK cable ok (stainless st  | Tidbit 20 PE 150 FUN 12-BU 203 eel cable s 1, SN 106   | Oct 2 YSI  DISL ICTIONAL  88614 in sa  | OGGER S<br>017 DOW<br>WATER T<br>ODGED<br>. wet                                | ERIAL # NLOAD TIN FEMP S LOGGE no IF D C  | ME<br>0.8 A<br>ER CONDI<br>REAS<br>RY, HEIGI<br>OMMENT   | 10669739<br>12:12<br>IR TEMP<br>TIONS<br>ON<br>HT ABOVE  | 10        | UTM<br>CREW           |       | TIONS            | BC                   | 6207836<br>TE<br>none         |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYI  WATER DEPTH BURIED no  Back-up logger gms Di both dow nloads OK cable ok (stainless st Primary Logger-Rpl #1  | Tidbit 20 PE 150 FUN 12-BU 203 eel cable s 1, SN 106   | Oct 2 YSI  DISL ICTIONAL  88614 in sa  | OGGER S<br>017 DOW<br>WATER T<br>ODGED<br>. wet                                | ERIAL # NLOAD TIN FEMP S LOGGE no IF D C  | ME<br>0.8 A<br>ER CONDI<br>REAS<br>RY, HEIGI<br>OMMENT   | 10669739<br>12:12<br>IR TEMP<br>TIONS<br>ON<br>HT ABOVE  | 10        | UTM<br>CREW           |       | TIONS            | BC                   | 6207836<br>TE<br>none         |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no  Back-up logger gms DP both dow nloads OK cable ok (stainless st Primary Logger-Rpl #1 w ater very low at tailr   | Tidbit 20 PE 150 FUN 150 150 FUN 150 150 FUN 150 150 FUN 150 FUN 150 FUN 150 1 | Oct 2 YSI  CM DISL ICTIONAL  88614 in sa section att 69739   | OGGER S 017 DOW WATER 1 ODGED . w et   | ERIAL # NLOAD TIM FEMP 9 LOGGE no IF D Ci de 12:13  | A ER CONDI<br>REAS<br>RY, HEIG<br>OM M ENT   | 10669739<br>12:12<br>IR TEMP<br>TIONS<br>ON<br>HT ABOVE<br>S   | 10        | UTM<br>CREW<br>ICE CC |       | TETHER           | BC<br>RTYPE          | 6207836<br>TE<br>none         |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no  Back-up logger gms Dit both dow nloads OK cable ok (stainless st Primary Logger-Rpl #1 w ater very low at tailing  | Tidbit 20 PE 150 FUN 150 FUN N2-BU 203 eel cable s 1, SN 106 race  | Oct 2 YSI  CM DISL ICTIONAL  88614 in sa section att 69739   | OGGER S 017 DOW WATER 1 ODGED . w et   | ERIAL # NLOAD TIM FEMP 9 LOGGE no IF D C de 12:13 alvanized ca  | A ER CONDI<br>REAS<br>RY, HEIG<br>OM M ENT   | 10669739<br>12:12<br>IR TEMP<br>TIONS<br>ON<br>HT ABOVE<br>S   | 10        | UTM<br>CREW<br>ICE CO |       | TETHER           | BC RTYPE             | 6207836<br>TE<br>none<br>rock |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no  Back-up logger gms Di both dow nloads OK cable ok (stainless st Primary Logger-Rpl #1 w ater very low at tailr  SITE ID gm LOGGER TYPE   | Tidbit 20 PE 150 6 FUN N2-BU 203 eel cable s 1, SN 106 race  | Oct 2 YSI  CM DISL ICTIONAL  88614 in sa section att 69739   | OGGER S 017 DOW WATER 1 ODGED . wet ame capsul ached to go                     | ERIAL # NLOAD TIM FEMP 9 LOGGE no IF D Ci de 12:13 alvanized ca   | A ER CONDI<br>REAS<br>RY, HEIG<br>OM M ENT   | 10669739<br>12:12<br>IR TEMP<br>TIONS<br>ON<br>HT ABOVE<br>S   | 10 WATER  | UTM<br>CREW<br>ICE CO |       | TETHER           | BC RTYPE             | 6207761                       |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no  Back-up logger gmsDt both dow nloads OK cable ok (stainless st Primary Logger-Rpl #1 w ater very low at tailr  SITE ID gm LOGGER TYPE DOWNLOAD DATE  | Tidbit 20 PE 150 FUN 150 PE 15 | Oct 2 YSI  DISL SECTIONAL SECTION Att SECT | OGGER S 017 DOW WATER 1 ODGED . w et ame capsul ached to go                    | ERIAL # NLOAD TIM FEMP 9 LOGGE no IF D C le 12:13 alvanized ca  | ALE D.8 A SER CONDINENT SERVING A SE | 10669739<br>12:12<br>IR TEMP<br>TIONS<br>ON<br>HT ABOVE<br>S<br>ace LDB<br>10635063<br>12:28                 | WATER     | UTM<br>CREW<br>ICE CO | cm    | TETHER  SOI  548 | BC RTYPE             | 6207761<br>TE none<br>rock    |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no  Back-up logger gms Dr both dow nloads OK cable ok (stainless st Primary Logger-Rpl #1 w ater very low at tailr  SITE ID gm LOGGER TYPE   | Tidbit 20 PE 150 FUN 150 PE 15 | Oct 2 YSI  CM DISL ICTIONAL  88614 in sa section att 69739   | OGGER S 017 DOW WATER 1 ODGED . wet ame capsul ached to go                     | ERIAL # NLOAD TIM FEMP 9 LOGGE no IF D CI de 12:13 alvanized ca   | ALE D.8 A SER CONDINENT SERVING A SE | 10669739<br>12:12<br>IR TEMP<br>TIONS<br>ON<br>HT ABOVE<br>S<br>ace LDB<br>10635063<br>12:28<br>R TEMP       | 10 WATER  | UTM<br>CREW<br>ICE CO | cm    | TETHER  SOI  548 | BC RTYPE             | 6207761                       |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no  Back-up logger gmsDt both dow nloads OK cable ok (stainless st Primary Logger-Rpl #1 w ater very low at tailr  SITE ID gm LOGGER TYPE DOWNLOAD DATE  | Tidbit 20 PE 150 A 2-BU 203 eel cable s 1, SN 106 cace s DN1 Tidbit 20 PE  | Oct 2 YSI  DISL SECTIONAL SECTION Att SECT | OGGER S 017 DOW WATER 1  ODGED . w et  ached to ga  N OGGER S 017 DOW WATER 1  | ERIAL # NLOAD TIM FEMP 9 LOGGE no IF D CI de 12:13 alvanized ca   | ALE D.8 A SER CONDINENT SERVING A SE | 10669739 12:12 IR TEMP TIONS ON HT ABOVE S ace LDB 10635063 12:28 R TEMP TIONS                               | WATER     | UTM<br>CREW<br>ICE CO | cm    | TETHER  SOI  548 | BC RTYPE             | 6207761<br>TE none<br>rock    |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no  Back-up logger gmsDt both dow nloads OK cable ok (stainless st Primary Logger-Rpl #1 w ater very low at tailr  SITE ID gm LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE   | Tidbit 20 PE 150 Cace 150 PE 100 Cace 150 PE 1 | Oct 2 YSI  Cm DISL ICTIONAL  88614 in sa section att 69739  LOCATIO L Oct 2 YSI  | ODGED  N ODGED  N OGGER S 017 DOW WATER 1                                      | ERIAL # NLOAD TIM FEMP 9 LOGGE no IF D C le 12:13 alvanized ca  | ALE CONDI REAS RY, HEIGH OMMENT  GMS Tailra  ME 0.6 AI  REAS   | 10669739 12:12 IR TEMP TIONS ON HT ABOVE S ace LDB 10635063 12:28 R TEMP TIONS                               | WATER  10 | UTM<br>CREW<br>ICE CO | cm    | TETHER  SOI  548 | BC RTYPE  uth 881 BC | 6207761<br>TE none<br>rock    |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no  Back-up logger gmsDt both dow nloads OK cable ok (stainless st Primary Logger-Rpl #1 w ater very low at tailr  SITE ID gm LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH   | Tidbit 20 PE 150 Cace 150 PE 100 Cace 150 PE 1 | Oct 2 YSI  Cm DISL  88614 in sa section att 69739  LOCATIO L Oct 2 YSI  Cm DISL  | ODGED  N ODGED  N ODGED  ODGED  ODGED  | ERIAL # NLOAD TIM FEMP 9 LOGGE no IF D C de 12:13 alvanized ca ERIAL # NLOAD TIM FEMP 11 LOGGE no IF D              | ALE CONDI REAS RY, HEIGH OMMENT  GMS Tailra  ME 0.6 AI  REAS   | TIONS ON ACCE LDB 10635063 12:28 R TEMP TIONS ON HT ABOVE S ACCE LDB 10635063 12:28 R TEMP TIONS ON HT ABOVE | WATER  10 | UTM<br>CREW<br>ICE CO | cm    | SOL 548          | BC RTYPE  uth 881 BC | 6207761 TE none               |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no  Back-up logger gms Dr both dow nloads OK cable ok (stainless st Primary Logger-Rpl #1 w ater very low at tailr  SITE ID gm LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH  | Tidbit 20 PE 150 Cace 150 PE 100 Cace 150 PE 1 | Oct 2 YSI  Cm DISL  88614 in sa section att 69739  LOCATIO L Oct 2 YSI  Cm DISL  | ODGED  N ODGED  N ODGED  ODGED  ODGED  | ERIAL # NLOAD TIM FEMP 9 LOGGE no IF D C de 12:13 alvanized ca ERIAL # NLOAD TIM FEMP 11 LOGGE no IF D              | ALE CONDI REAS RY, HEIGH  GMS Tailra  ALE CONDI REAS RY, HEIGH  GMS TAILRA  REAS RY, HEIGH  REAS RY, HEIGH   | TIONS ON ACCE LDB 10635063 12:28 R TEMP TIONS ON HT ABOVE S ACCE LDB 10635063 12:28 R TEMP TIONS ON HT ABOVE | WATER  10 | UTM<br>CREW<br>ICE CO | cm    | SOL 548          | BC RTYPE  uth 881 BC | 6207761 TE none               |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no  Back-up logger gmsDf both dow nloads OK cable ok (stainless st Primary Logger-Rpl #1 w ater very low at tailr  SITE ID gm LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no   | Tidbit 20 PE 150 A 2-BU 203 eel cable s 1, SN 106 race SDN1 I Tidbit 20 PE 100 FUN   | Oct 2 YSI  B8614 in sa section att 69739  LOCATIO LOCA | OGGER S 017 DOW WATER 1 ODGED ame capsul ached to ga N OGGER S 017 DOW WATER 1 | ERIAL # NLOAD TIM FEMP 9 LOGGE no IF D C le 12:13 alvanized ca ERIAL # NLOAD TIM FEMP 11 LOGGE no IF D C            | ALE CONDI REAS RY, HEIGH  GMS Tailra  ALE CONDI REAS RY, HEIGH  GMS TAILRA  REAS RY, HEIGH  REAS RY, HEIGH   | TIONS ON ACCE LDB 10635063 12:28 R TEMP TIONS ON HT ABOVE S ACCE LDB 10635063 12:28 R TEMP TIONS ON HT ABOVE | WATER  10 | UTM<br>CREW<br>ICE CO | cm    | SOL 548          | BC RTYPE  uth 881 BC | 6207761 TE none               |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYI  WATER DEPTH BURIED no  Back-up logger gmsDf both dow nloads OK cable ok (stainless st Primary Logger-Rpl #1 w ater very low at tailr  SITE ID gm LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYI  WATER DEPTH BURIED no  Back-up logger gmsDf   | Tidbit 20 PE 150 A 2-BU 203 eel cable s 1, SN 106 race SDN1 I Tidbit 20 PE 100 FUN   | Oct 2 YSI  B8614 in sa section att 69739  LOCATIO LOCA | OGGER S 017 DOW WATER 1 ODGED ame capsul ached to ga N OGGER S 017 DOW WATER 1 | ERIAL # NLOAD TIM FEMP 9 LOGGE no IF D C le 12:13 alvanized ca ERIAL # NLOAD TIM FEMP 11 LOGGE no IF D C            | ALE CONDI REAS RY, HEIGH  GMS Tailra  ALE CONDI REAS RY, HEIGH  GMS TAILRA  REAS RY, HEIGH  REAS RY, HEIGH   | TIONS ON ACCE LDB 10635063 12:28 R TEMP TIONS ON HT ABOVE S ACCE LDB 10635063 12:28 R TEMP TIONS ON HT ABOVE | WATER  10 | UTM<br>CREW<br>ICE CO | cm    | SOL 548          | BC RTYPE  uth 881 BC | 6207761 TE none               |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYI  WATER DEPTH BURIED no  Back-up logger gms DI both dow nloads OK cable ok (stainless st Primary Logger-Rpl #1 w ater very low at tailr  SITE ID gm LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYI  WATER DEPTH BURIED no  Back-up logger gms DI both dow nloads OK                      | Tidbit 20 PE 150 (FUN N2-BU 203 PE 150 (FUN N2-BU 203 PE 150 (FUN N1-BU 203 FUN N1-BU 203 PE 150 (FUN N1-BU 203 FUN FUN N1-BU 203 FUN FUN N1-BU 203 FUN FUN FUN FUN N1-BU 203 FUN  | Oct 2 YSI  DISL BERT DISL BERT DISL BERT DISL BERT DISL COCATIO L Oct 2 YSI  DISL BERT | OGGER S 017 DOW WATER 1 ODGED . wet ame capsul ached to g                      | ERIAL # NLOAD TIM FEMP 9 LOGGE no IF D CI de 12:13 alvanized ca ERIAL # NLOAD TIM FEMP 10 LOGGE no IF D CI de 12:29 | ME  0.8 A  R CONDI  REAS  RY, HEIG  OM M ENT  A  B  CONDI  REAS  RY, HEIG  O.6 AI  REAS  RY, HEIG  OM M ENT  | 10669739 12:12 R TEMP TIONS ON HT ABOVE S ace LDB 10635063 12:28 R TEMP TIONS ON HT ABOVE                    | WATER  10 | UTM<br>CREW<br>ICE CO | cm    | SOL 548          | BC RTYPE  uth 881 BC | 6207761 TE none               |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no  Back-up logger gmsDf both dow nloads OK cable ok (stainless st Primary Logger-Rpl #1 w ater very low at tailr  SITE ID gm LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no  Back-up logger gmsDf both dow nloads OK cable ok (stainless st | Tidbit 20 PE 150 A PE | Oct 2 YSI  DISL BERT DISL BERT DISL BERT DISL BERT DISL COCATIO L Oct 2 YSI  DISL BERT | OGGER S 017 DOW WATER 1 ODGED . wet ame capsul ached to g                      | ERIAL # NLOAD TIM FEMP 9 LOGGE no IF D CI de 12:13 alvanized ca ERIAL # NLOAD TIM FEMP 10 LOGGE no IF D CI de 12:29 | ME  0.8 A  R CONDI  REAS  RY, HEIG  OM M ENT  A  B  CONDI  REAS  RY, HEIG  O.6 AI  REAS  RY, HEIG  OM M ENT  | 10669739 12:12 R TEMP TIONS ON HT ABOVE S ace LDB 10635063 12:28 R TEMP TIONS ON HT ABOVE                    | WATER  10 | UTM<br>CREW<br>ICE CO | cm    | SOL 548          | BC RTYPE  uth 881 BC | 6207761 TE none               |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no  Back-up logger gms Di both dow nloads OK cable ok (stainless st Primary Logger-Rpl #1 w ater very low at tailr  SITE ID gm LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no  Back-up logger gms Di both dow nloads OK                      | Tidbit 20 PE 150 A SEDN1 I Tidbit 20 PE 100 A FUN  | Oct 2 YSI  DISL BERT DISL BERT DISL BERT DISL BERT DISL COCATIO L Oct 2 YSI  DISL BERT | OGGER S 017 DOW WATER 1 ODGED . wet ame capsul ached to g                      | ERIAL # NLOAD TIM FEMP 9 LOGGE no IF D CI de 12:13 alvanized ca ERIAL # NLOAD TIM FEMP 10 LOGGE no IF D CI de 12:29 | ME  0.8 A  R CONDI  REAS  RY, HEIG  OM M ENT  A  B  CONDI  REAS  RY, HEIG  O.6 AI  REAS  RY, HEIG  OM M ENT  | 10669739 12:12 R TEMP TIONS ON HT ABOVE S ace LDB 10635063 12:28 R TEMP TIONS ON HT ABOVE                    | WATER  10 | UTM<br>CREW<br>ICE CO | cm    | SOL 548          | BC RTYPE  uth 881 BC | 6207761 TE none               |

|   | NO FEAL             |                              |  | KE MILIE                | ITORING  | )( )\/\/  \ | OVDIN                         | TEOBM V.  |             | )RM                            |
|---|---------------------|------------------------------|--|-------------------------|--|-------------|-------------------------------|-----------|-------------|--------------------------------|
|   | pcnUP1              | LOCATIO                      | TEMPERATU<br>N   |                         | N Forebay  | CTTITL      | BANK                          | CINIA     | TON T       | north                          |
| COULTIL   | Tidk                |                              | OGGER SERIAL   |                         |  |             | UTM                           | 560       | 684         | 6204075                        |
| OWNLOAD DATE  |                     |                              | 017 DOWNLOA  |                         | 10635067<br>10:24                                  | 1           | CREW                          | 562       | 684<br>BC 1 |                                |
| EST RECORDER 1  |                     | -                            |  |                         |  |             |                               | UDITIONS  | ВС          |                                |
| EST RECURDER  | ITPE                | YSI                          | WATER TEMP   |                         | AIR TEMP   | 1.0         | ICECO                         | NDITIONS  |             | none                           |
| 14/4 777 277  | 40-                 |                              |  | OGGER CC                |  |             |                               |           |             |                                |
| WATER DEPTH   | 100                 | cm DISL                      |  |                         | EASON  |             |                               |           |             |                                |
| <b>BURIED</b> no  | FU                  | JNCTIONAL                    | w et   |                         | EIGHT ABOVE  | WATER       |                               | cm TETHER | RTYPE       | log boom                       |
| dow nload OK<br>all stainless steel c:<br>Rpl #10   | able OK             |                              |  | COMM                    |  |             |                               |           |             |                                |
| SITE ID<br>LOGGER TYPE<br>DOWNLOAD DATE   |                     |                              | N<br>OGGER SERIAL<br>017 DOWNLOA<br>WATER TEMP                   | .#                      | N Tailrace<br>10156317<br>10:04<br>AIR TEMP        | 4           | BANK<br>UTM<br>CREW           | 562       | 803<br>BC 1 | north<br>6204854<br>FE<br>none |
| EST RECORDER  | ITPE                | 131                          |  | OGGER CC                |  | 1.0         | ICECO                         | ADITIONS  |             | none                           |
| WATER DEPTH   | 200                 | cm DISL                      |  |                         | EASON  |             |                               |           |             |                                |
| BURIED no   |                     | JNCTIONAL                    |  |                         | EIGHT ABOVE  | WATER       |                               | cm TETHE  | RTYPE       | rock                           |
| 110   |                     | J. IO I IOIVAL               | 5.   | COMM                    |  |             |                               |           |             | TOCK                           |
| SITE ID po<br>OGGER TYPE<br>OOWNLOAD DATE   | Tida<br>E 20        |                              | N<br>OGGER SERIAL<br>017 DOWNLOA<br>WATER TEMP                   | .#                      | N Tailrace<br>10635061<br>10:04                    |             | BANK<br>UTM<br>CREW           | 562       | 803<br>BC 1 | north<br>6204854               |
|   |                     |                              | L  | OGGER CC                |  | 1.0         | ICECO                         | ADITIONO  |             | none                           |
| WATER DEPTH   | 200                 | cm DISL                      | ODGED no   | R                       | INDITIONS<br>EASON                                 |             |                               |           | D TVDE      | none                           |
|   | 200                 |                              | ODGED no   | R                       | NDITIONS<br>EASON<br>EIGHT ABOVE                   |             |                               | cm TETHE  | RTYPE       |                                |
| WATER DEPTH BURIED no  download OK all stainless steel canchored to same  | 200 FU              | cm DISLI                     | ODGED no   | IF DRY, H               | NDITIONS<br>EASON<br>EIGHT ABOVE                   |             |                               |           | RTYPE       | none                           |
| WATER DEPTH BURIED no  ow nload OK Il stainless steel canchored to same RPL #9  | 200 FU              | cm DISLI                     | DDGED no wet   | IF DRY, H               | NDITIONS<br>EASON<br>EIGHT ABOVE                   |             |                               |           | RTYPE       | none                           |
| WATER DEPTH BURIED no  ow nload OK Il stainless steel canchored to same RPL #9  | 200 FU              | cm DISLOUNCTIONAL            | DDGED no wet   | R<br>IF DRY, H<br>COM M | NDITIONS<br>EASON<br>EIGHT ABOVE                   |             |                               |           | RTYPE       | none                           |
| WATER DEPTH BURIED no  ow nload OK Il stainless steel canchored to same RPL #9  SITE ID  OGGER TYPE DOWNLOAD DATE                     | able OK rock as por | cm DISLOUNCTIONAL            | N<br>OGGER SERIAL<br>DOWNLOA                                     | RIF DRY, H              | INDITIONS EASON EIGHT ABOVE ENTS                   |             | BANK                          |           | RTYPE       | none                           |
| WATER DEPTH BURIED no  ow nload OK Il stainless steel canchored to same RPL #9  SITE ID  OGGER TYPE DOWNLOAD DATE                     | able OK rock as por | cm DISLOUNCTIONAL            | N<br>ODGED NO<br>Wet NO<br>OGGER SERIAL<br>DOWNLOA<br>WATER TEMP | RIF DRY, H COM M        | AIR TEMP   |             | BANK<br>UTM<br>CREW           |           | RTYPE       | none                           |
| WATER DEPTH BURIED no  ow nload OK  Il stainless steel canchored to same RPL #9  BITE ID  OGGER TYPE DOWNLOAD DATE TEST RECORDER TO   | able OK rock as por | cm DISL<br>JNCTIONAL<br>nDN2 | N<br>ODGED NO<br>Wet NO<br>OGGER SERIAL<br>DOWNLOA<br>WATER TEMP | # D TIME                | AIR TEMP   |             | BANK<br>UTM<br>CREW           | cm TETHE  | RTYPE       | none                           |
| WATER DEPTH BURIED no  download OK all stainless steel ca Anchored to same RPL #9  SITE ID  LOGGER TYPE DOWNLOAD DATE TEST RECORDER T | able OK rock as por | cm DISL                      | N<br>ODGED NO<br>Wet NO<br>OGGER SERIAL<br>DOWNLOA<br>WATER TEMP | # D TIME                | AIR TEMP DIDITIONS EASON  AIR TEMP DIDITIONS EASON | WATER       | BANK<br>UTM<br>CREW<br>ICE CO | NDITIONS  |             | none                           |
| dow nload OK all stainless steel ca Anchored to same RPL #9  SITE ID LOGGER TYPE DOWNLOAD DATE TEST RECORDER 1                        | able OK rock as por | cm DISL<br>JNCTIONAL<br>nDN2 | N<br>ODGED NO<br>Wet NO<br>OGGER SERIAL<br>DOWNLOA<br>WATER TEMP | # D TIME                | AIR TEMP INDITIONS EASON EGHT ABOVE ENTS           | WATER       | BANK<br>UTM<br>CREW<br>ICE CO | cm TETHE  |             | none                           |

|  |                      | IZIVEIZ   | IVI -  |  |  | IITORING - I   | DOWNL   | OAD I                         | NEC  | RIVIATIO          | NIC     | I ZIVI   |
|--|----------------------|---|--|--|--|--|---------|-------------------------------|------|-------------------|---------|--|
| SITE ID hal  |                      | OCATIO  |  |  |  | Halfway River  |         | BANK                          |      |                   |         | north  |
| OGGER TYPE   | Tidbit               |   | OGGER S  | SERIAL #                                       |  | 10156319   |         | UTM                           |      | 595569            |         | 6230541  |
| OWNLOAD DATE   | 27                   |   | 017 <b>DOV</b>                                     |  |  | 11:5   | 1       | CREW                          |      |                   | BC T    |  |
| EST RECORDER TYP   |                      | merc  | WATER  |  | 9.4  | AIR TEMP   | 8       | ICECC                         | NDIT |                   |         | none   |
|  |                      |   |  | LOC  |  | ONDITIONS  |         |                               |      |                   |         |  |
| WATER DEPTH  | 20 c                 | m DISL  | ODGED  |  | yes R  | EASON tamp   | ered    |                               |      |                   |         |  |
| BURIED no  | -                    | CTIONAL   |  |  | ,  | HEIGHT ABOVE   |         |                               | cm   | TETHER TY         | DE      |  |
| DOI GLED 110   | TON                  | OTIONAL   | WCt  | _  | COMIN  |  | WATER   |                               | CIII | TEITIERT          | · L     | spruce   |
| dow nload OK<br>cable OK<br>oggger RPL#1 replace   | ed w ith RPL         | _# 33 SN2   | 20030829   |  |  |  |         |                               |      |                   |         |  |
| SITE ID hal  | fUP1 L               | OCATIO  | N  |  | /a af l  | lalfin an Dinas  |         | DANK                          |      | a a utla          |         |  |
| LOGGER TYPE  | Tidbit               | OCATIO.   | N<br>_OGGER S                                      | SEDIAL #                                       |  | Halfway River<br>9767573   |         | BANK                          |      | south<br>595165   | +       | 6230094  |
| DOWNLOAD DATE  | 27                   |   | 017 <b>DOV</b>                                     |  |  | 12:03  | 3       | CREW                          |      |                   | BC T    |  |
| TEST RECORDER TYP  |                      | merc  | WATER  |  | 9.4  | AIR TEMP   | 8       | ICECC                         | NDIT |                   |         | none   |
|  |                      |   |  |  |  | ONDITIONS  |         |                               |      |                   |         |  |
| WATER DEPTH  |                      |   | ODGED  | no   |  | EASON  |         |                               |      |                   |         |  |
| <b>BURIED</b> no   | FUNC                 | CTIONAL   | . wet  | I  | ,  | HEIGHT ABOVE   | WATER   |                               | cm   | TETHER TY         | PE      | spruce tre   |
|  |                      |   |  |  | COMM   | IENTS  |         |                               |      |                   |         |  |
|  |                      |   |  |  |  |  |         |                               |      |                   |         |  |
| OGGER TYPE   | Tidbit<br>27         |   | N<br>_OGGER \$                                     |  |  | Halfw ay River<br>10669748<br>12:27  | 7       | BANK<br>UTM<br>CREW           |      | 598198            | ВСТ     | north<br>6232169<br>E                                      |
| OGGER TYPE   | Tidbit<br>27         | L   | OGGER S  | VNLOAD<br>TEMP                                 | <b>TIME</b> 6.7                                  | 10669748<br>12:27<br>AIR TEMP  | 7<br>8  | UTM                           | NDIT |                   |         | 6232169  |
| OGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE  | Tidbit<br>27<br>PE   | Oct 2   | OGGER S<br>017 DOW<br>WATER                        | VNLOAD<br>TEMP                                 | TIME<br>6.7<br>GGER CO                           | 10669748<br>12:27<br>AIR TEMP<br>ONDITIONS   |         | UTM<br>CREW                   | NDIT |                   |         | 6232169<br>E   |
| OGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH  | Tidbit 27 PE 200 c   | Oct 2 merc  | OGGER S<br>017 DOW<br>WATER                        | TEM P<br>LOC                                   | TIME<br>6.7<br>GGER CO                           | 10669748<br>12:27<br>AIR TEMP<br>DNDITIONS<br>REASON   | 8       | UTM<br>CREW                   |      | IONS              |         | 6232169<br>E<br>none                                       |
| LOGGER TYPE DOWNLOAD DATE FEST RECORDER TYPE   | Tidbit 27 PE 200 c   | Oct 2   | OGGER S<br>017 DOW<br>WATER                        | TEM P<br>LOC                                   | TIME<br>6.7<br>GGER CO                           | 10669748 12:27 AIR TEMP DIDITIONS EASON HEIGHT ABOVE   | 8       | UTM<br>CREW                   |      |                   |         | 6232169<br>E<br>none                                       |
| OGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no  How nload OK stainless steel cable C  | Tidbit 27 200 c FUNC | Oct 2 merc m DISL CTIONAL                               | OGGER S 017 DOW WATER ODGED . wet                  | TEM P<br>LOC                                   | TIME<br>6.7<br>GGER CC<br>R<br>F DRY, H          | 10669748 12:27 AIR TEMP DIDITIONS EASON HEIGHT ABOVE   | 8       | UTM<br>CREW                   |      | IONS              |         | 6232169<br>E<br>none                                       |
| OGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no  low nload OK tainless steel cable C Rpl #15  SITE ID halfD  | Tidbit 27 200 c FUNC | Oct 2 merc m DISL CTIONAL                               | OGGER S 017 DOW WATER ODGED . wet                  | NILOAD TEMP LOC no I                           | TIME<br>6.7<br>GGER CC<br>F<br>F DRY, H<br>COMIN | 10669748 12:27 AIR TEMP DNDITIONS EASON HEIGHT ABOVE IENTS   | 8       | UTM<br>CREW<br>ICE CO         |      | TETHER TY         |         | 6232169<br>E<br>none<br>balsam po                          |
| OGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no  Now nload OK tainless steel cable C Rpl #15  SITE ID halfD OGGER TYPE   | Tidbit 27 200 c FUNC | OCATIO  | OGGER S 017 DOW WATER ODGED . wet                  | NILOAD TEMP LOC no I                           | TIME 6.7 GGER CC F F DRY, F COMIN                | 10669748 12:21 AIR TEMP DNDITIONS EASON HEIGHT ABOVE IENTS Halfw ay River 10156314   | 8 WATER | UTM<br>CREW<br>ICE CO         |      | IONS              | PE      | 6232169<br>E<br>none<br>balsam po                          |
| OGGER TYPE OWNLOAD DATE EST RECORDER TYPE WATER DEPTH BURIED no  ownload OK tainless steel cable C Rpl #15  BITE ID halfD OGGER TYPE OWNLOAD DATE  | Tidbit 27 200 c FUNC | OCATIO  | OGGER S 017 DOW WATER  ODGED . wet                 | NILOAD TEMP LOC no I                           | TIME 6.7 GGER CC F F DRY, F COMIN                | 10669748 12:27 AIR TEMP DNDITIONS EASON HEIGHT ABOVE IENTS   | 8 WATER | UTM<br>CREW<br>ICE CO         | cm   | TETHER TY         | PE BC T | 6232169<br>E<br>none<br>balsam po<br>north<br>6263144<br>E |
| OGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no  Now nload OK stainless steel cable C Rpl #15  SITE ID halfD  OGGER TYPE DOWNLOAD DATE                                   | Tidbit 27 200 c FUNC | Oct 2  Merc  Merc  More DISL  CTIONAL  OCATIO  L  Oct 2 | OGGER S 017 DOW WATER ODGED . wet                  | NILOAD TEMP LOC NO I                           | TIME 6.7 GGER CC F F DRY, F COMIN                | AIR TEMP  DNDITIONS  EASON HEIGHT ABOVE IENTS  Halfw ay River 10156314 12:23   | 8 WATER | UTM<br>CREW<br>ICE CO         | cm   | TETHER TY         | PE BC T | 6232169<br>E<br>none<br>balsam po<br>north<br>6263144      |
| OGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no download OK stainless steel cable C Rpl #15  SITE ID halfD OGGER TYPE DOWNLOAD DATE                                      | Tidbit 27 200 c FUNC | Oct 2 merc  m DISL CTIONAL  Oct 2 merc                  | OGGER S 017 DOW WATER  ODGED . wet                 | NILOAD TEMP LOC  NO I SERIAL # VNLOAD TEMP LOC | TIME 6.7  GGER CC  R F DRY, H  COMIN  d/s of 1   | AIR TEMP  DNDITIONS  EASON HEIGHT ABOVE IENTS  Halfway River 10156314 12:23 AIR TEMP   | 8 WATER | UTM<br>CREW<br>ICE CO         | cm   | TETHER TY         | PE BC T | 6232169<br>E<br>none<br>balsam po<br>north<br>6263144<br>E |
| OGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no  Now nload OK stainless steel cable C Rpl #15  SITE ID halfD OGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE                 | Tidbit 27 200 c FUNC | Oct 2 merc  m DISL CTIONAL  OcaTio L Oct 2 merc         | N<br>OGGER S<br>017 DOW<br>WATER<br>ODGED<br>. wet | NILOAD TEMP LOC  NO I SERIAL # VILOAD TEMP LOC | TIME 6.7  GGER CC  F F DRY, H  COMIN  d/s of 1   | AIR TEMP  Conditions  Halfway River 10156314 12:23  AIR TEMP  AIR TEMP  AIR TEMP  AIR TEMP  Conditions   | 8 WATER | BANK<br>UTM<br>CREW<br>ICE CO | cm   | TETHER TY         | PE BC T | 6232169 E none balsam po north 6263144 E none              |
| COGGER TYPE DOWNLOAD DATE FEST RECORDER TYPE WATER DEPTH BURIED NO  download OK stainless steel cable Co Rpl #15  SITE ID half D  COGGER TYPE DOWNLOAD DATE FEST RECORDER TYPE WATER DEPTH | Tidbit 27 200 c FUNC | OCATIO L Oct 2 merc  DISL OCATIO L Oct 2 merc           | N<br>OGGER S<br>017 DOW<br>WATER<br>ODGED<br>. wet | NILOAD TEMP LOC  NO I SERIAL # VILOAD TEMP LOC | TIME 6.7  GGER CC  F F DRY, H  COMIN  d/s of 1   | AIR TEMP  CONDITIONS  HEASON HEIGHT ABOVE 10156314 12:22 AIR TEMP  CONDITIONS  HEIGHT ABOVE HEIGHT ABOVE HEIGHT ABOVE HEIGHT ABOVE HEIGHT ABOVE HEIGHT ABOVE | 8 WATER | BANK<br>UTM<br>CREW<br>ICE CO | cm   | TETHER TY  598179 | PE BC T | 6232169<br>E<br>none<br>balsam po<br>north<br>6263144<br>E |

|   |  |  |   |  | NITORING - DO  | WNI  | OAD INF                         | CIRMAII      | $()N \vdash ($ | ) R IVI                         |
|---|--|--|---|--|--|------|---------------------------------|--------------|----------------|---------------------------------|
|   | bUP2                                   | LOCATION   |   |  | Moberly River  |      | BANK                            | ORMATI       |                | north                           |
| LOGGER TYPE   | Tidb                                   |  | OGGER SERIAL  |  | 10669754   |      | UTM                             | 62750        | 01             | 6232563                         |
| DOWNLOAD DATE   | 19                                     |  | 17 DOWNLOA  |  | 12:38  |      | CREW                            | 02/50        | BC .           |                                 |
| TEST RECORDER TY  |  | YSI  | WATER TEMP  |  |  |      |                                 | ITIONO       |                |                                 |
| TEST RECORDER TH  | PE                                     | 1 31   |   |  |  | .0   | ICECOND                         | ITIONS       |                | none                            |
|   | 450                                    | Pier   |   |  | ONDITIONS  |      |                                 |              |                |                                 |
| WATER DEPTH   | 150                                    | cm DISLO   |   |  | REASON   |      |                                 |              |                |                                 |
| BURIED  | yes <b>FU</b>                          | NCTIONAL   | w et  | •  | HEIGHT ABOVE WA  | TER  | cn                              | TETHER       | TYPE           | spruce                          |
|   |  |  |   | COMI   | MENTS  |      |                                 |              |                |                                 |
| DD: //40  |  |  |   |  |  |      |                                 |              |                |                                 |
| RPL#16  |  |  |   |  |  |      |                                 |              |                |                                 |
| dow nload OK  |  |  |   |  |  |      |                                 |              |                |                                 |
| covered with sedimen  | Ι                                      |  |   |  |  |      |                                 |              |                |                                 |
|   |  |  |   |  |  |      |                                 |              |                |                                 |
|   |  |  |   |  |  |      |                                 |              |                |                                 |
|   |  |  |   |  |  |      |                                 |              |                |                                 |
| SITE ID mo  | bUP1                                   | LOCATION   | 1   | 11/0 -4  | Mohorly Piyer  |      | DANK                            | 201.4        | h              |                                 |
| LOGGER TYPE   | Tidb                                   | LOCATION   | N<br>OGGER SERIAL   |  | Moberly River<br>10887852  |      | BANK<br>UTM                     | 6271         |                | 6232349                         |
| DOWNLOAD DATE   | 19                                     |  | 17 DOWNLOA  |  | 10887852   |      | CREW                            | 02718        | BC .           |                                 |
| TEST RECORDER TY  |  | YSI  | WATER TEMP  |  |  |      | ICE COND                        | PAOITI       |                | none                            |
|   |  | . 5.   |   |  | ONDITIONS  | . •  | .JE JOND                        |              |                |                                 |
| WATER DEPTH   | 170                                    | cm DISLO   |   |  | REASON   |      |                                 |              |                |                                 |
| BURIED no   |  | NCTIONAL   |   |  | HEIGHT ABOVE WA  | TER  | cm                              | TETHER       | TYPE           | alder                           |
|   |  |  |   |  | MENTS  |      |                                 |              |                |                                 |
|   |  |  |   |  |  |      |                                 |              |                |                                 |
| RPL# 21   |  |  |   |  |  |      |                                 |              |                |                                 |
| stainless cable OK  |  |  |   |  |  |      |                                 |              |                |                                 |
| dow nload OK  |  |  |   |  |  |      |                                 |              |                |                                 |
|   |  |  |   |  |  |      |                                 |              |                |                                 |
|   |  |  |   |  |  |      |                                 |              |                |                                 |
|   |  |  |   |  |  |      |                                 |              |                |                                 |
|   |  |  |   |  |  |      |                                 |              |                |                                 |
|   |  |  |   |  |  |      |                                 |              |                |                                 |
|   |  | LOCATION   |   |  | Moberly River  |      | BANK                            | sout         |                |                                 |
| LOGGER TYPE   | Tidb                                   | it L   | OGGER SERIAL  | _#   | 10676147   |      | UTM                             | sout         | 75             | 6229275                         |
| LOGGER TYPE<br>DOWNLOAD DATE  | Tidb<br>19                             | it <b>L</b><br>Oct 20  | OGGER SERIAL<br>17 DOWNLOA  | _#<br>ADTIME   | 10676147<br>12:14  |      | UTM<br>CREW                     | 63087        | 75<br>BC       | TE                              |
| LOGGER TYPE   | Tidb<br>19                             | it L   | OGGER SERIAL<br>017 DOWNLOA<br>WATER TEMP   | <b>AD TIME</b> 9.6   | 10676147<br>12:14<br><b>AIR TEMP</b> 5   |      | UTM                             | 63087        | 75<br>BC       |                                 |
| LOGGER TYPE<br>DOWNLOAD DATE<br>TEST RECORDER TYPE  | Tidb<br>19<br>PE                       | it L<br>Oct 20<br>YSI  | OGGER SERIAL<br>017 DOWNLOA<br>WATER TEMP   | -#<br>AD TIME<br>9.6<br>OGGER C  | 10676147<br>12:14<br>AIR TEMP 5  |      | UTM<br>CREW                     | 63087        | 75<br>BC       | TE                              |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH  | Tidb<br>19<br><b>PE</b>                | oct 20 YSI  cm DISLO   | OGGER SERIAL<br>017 DOWNLOA<br>WATER TEMP<br>L<br>DDGED NO                                      | 9.6<br>OGGER C   | 10676147<br>12:14<br>AIR TEMP 5<br>CONDITIONS<br>REASON  | .0   | UTM<br>CREW<br>ICE COND         | 6308         | 75<br>BC       | TE<br>none                      |
| LOGGER TYPE<br>DOWNLOAD DATE<br>TEST RECORDER TYPE  | Tidb<br>19<br><b>PE</b>                | it L<br>Oct 20<br>YSI  | OGGER SERIAL<br>017 DOWNLOA<br>WATER TEMP<br>L<br>DDGED NO                                      | 9.6<br>OGGER O   | 10676147<br>12:14<br>AIR TEMP 5<br>CONDITIONS<br>REASON<br>HEIGHT ABOVE WA   | .0   | UTM<br>CREW<br>ICE COND         | 63087        | 75<br>BC       | TE                              |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH  | Tidb<br>19<br><b>PE</b>                | oct 20 YSI  cm DISLO   | OGGER SERIAL<br>017 DOWNLOA<br>WATER TEMP<br>L<br>DDGED NO                                      | 9.6<br>OGGER O   | 10676147<br>12:14<br>AIR TEMP 5<br>CONDITIONS<br>REASON  | .0   | UTM<br>CREW<br>ICE COND         | 6308         | 75<br>BC       | TE<br>none                      |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED NO  | Tidb<br>19<br><b>PE</b>                | oct 20 YSI  cm DISLO   | OGGER SERIAL<br>017 DOWNLOA<br>WATER TEMP<br>L<br>DDGED NO                                      | 9.6<br>OGGER O   | 10676147<br>12:14<br>AIR TEMP 5<br>CONDITIONS<br>REASON<br>HEIGHT ABOVE WA   | .0   | UTM<br>CREW<br>ICE COND         | 6308         | 75<br>BC       | TE<br>none                      |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH  | Tidb<br>19<br><b>PE</b>                | oct 20 YSI  cm DISLO   | OGGER SERIAL<br>017 DOWNLOA<br>WATER TEMP<br>L<br>DDGED NO                                      | 9.6<br>OGGER O   | 10676147<br>12:14<br>AIR TEMP 5<br>CONDITIONS<br>REASON<br>HEIGHT ABOVE WA   | .0   | UTM<br>CREW<br>ICE COND         | 6308         | 75<br>BC       | TE<br>none                      |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no download OK  | Tidb<br>19<br><b>PE</b>                | oct 20 YSI  cm DISLO   | OGGER SERIAL<br>017 DOWNLOA<br>WATER TEMP<br>L<br>DDGED NO                                      | 9.6<br>OGGER O   | 10676147<br>12:14<br>AIR TEMP 5<br>CONDITIONS<br>REASON<br>HEIGHT ABOVE WA   | .0   | UTM<br>CREW<br>ICE COND         | 6308         | 75<br>BC       | TE<br>none                      |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED NO  | Tidb<br>19<br><b>PE</b>                | oct 20 YSI  cm DISLO   | OGGER SERIAL<br>017 DOWNLOA<br>WATER TEMP<br>L<br>DDGED NO                                      | 9.6<br>OGGER O   | 10676147<br>12:14<br>AIR TEMP 5<br>CONDITIONS<br>REASON<br>HEIGHT ABOVE WA   | .0   | UTM<br>CREW<br>ICE COND         | 6308         | 75<br>BC       | TE<br>none                      |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no download OK  | Tidb<br>19<br><b>PE</b>                | oct 20 YSI  cm DISLO   | OGGER SERIAL<br>017 DOWNLOA<br>WATER TEMP<br>L<br>DDGED NO                                      | 9.6<br>OGGER O   | 10676147<br>12:14<br>AIR TEMP 5<br>CONDITIONS<br>REASON<br>HEIGHT ABOVE WA   | .0   | UTM<br>CREW<br>ICE COND         | 6308         | 75<br>BC       | TE<br>none                      |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no download OK  | Tidb<br>19<br><b>PE</b>                | oct 20 YSI  cm DISLO   | OGGER SERIAL<br>017 DOWNLOA<br>WATER TEMP<br>L<br>DDGED NO                                      | 9.6<br>OGGER O   | 10676147<br>12:14<br>AIR TEMP 5<br>CONDITIONS<br>REASON<br>HEIGHT ABOVE WA   | .0   | UTM<br>CREW<br>ICE COND         | 6308         | 75<br>BC       | TE<br>none                      |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no download OK  | Tidb<br>19<br><b>PE</b>                | oct 20 YSI  cm DISLO   | OGGER SERIAL<br>017 DOWNLOA<br>WATER TEMP<br>L<br>DDGED NO                                      | 9.6<br>OGGER O   | 10676147<br>12:14<br>AIR TEMP 5<br>CONDITIONS<br>REASON<br>HEIGHT ABOVE WA   | .0   | UTM<br>CREW<br>ICE COND         | 6308         | 75<br>BC       | TE<br>none                      |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no  download OK  RPL#18   | Tidb<br>19<br><b>PE</b>                | oct 20 YSI  cm DISLO   | OGGER SERIAL DIT DOWNLOA WATER TEMP L DDGED no w et   | DE TIME 9.6 OGGER COMI   | 10676147 12:14 AIR TEMP 5 CONDITIONS REASON HEIGHT ABOVE WA  | .0   | UTM<br>CREW<br>ICE COND         | 6308         | TYPE           | TE<br>none                      |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no  download OK  RPL#18   | Tidb 19 PE 100 FU                      | it L Oct 20 YSI  CM DISLO NCTIONAL   | OGGER SERIAL DIT DOWNLOA WATER TEMP L DDGED no w et   | AD TIME 9.6 OGGER C IF DRY, COMI   | 10676147<br>12:14<br>AIR TEMP 5<br>CONDITIONS<br>REASON<br>HEIGHT ABOVE WA   | ATER | UTM<br>CREW<br>ICE COND         | 6308         | TYPE           | TE<br>none                      |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED NO download OK RPL#18   | Tidb 19 PE 100 FU                      | it LOCATION  | OGGER SERIAL DIT DOWNLOA WATER TEMP L DDGED no w et   | JE DRY, COMI   | 10676147 12:14 AIR TEMP 5 CONDITIONS REASON HEIGHT ABOVE WA  | ATER | UTM<br>CREW<br>ICE COND<br>cm   | 6308         | TYPE           | TE none alder                   |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED NO  download OK  RPL#18  SITE ID MO LOGGER TYPE   | Tidb 19 PE 100 FU Tidb 119             | it LOCATION  | OGGER SERIAL DOWNLOA WATER TEMP L DDGED no w et   | DE STATE OF THE ST | 10676147 12:14 AIR TEMP 5 CONDITIONS REASON HEIGHT ABOVE WA WENTS  Moberly River 10676146 12:21  | ATER | UTM<br>CREW<br>ICE COND<br>cm   | sout<br>6307 | TYPE  h BC BC  | TE none alder                   |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED NO  download OK  RPL#18  SITE ID MO LOGGER TYPE DOWNLOAD DATE   | Tidb 19 PE 100 FU Tidb 119             | CM DISLONCTIONAL  LOCATION   | OGGER SERIAL DOMNLOA WATER TEMP L DDGED no w et  OGGER SERIAL D17 DOWNLOA WATER TEMP            | d/s of   | 10676147 12:14 AIR TEMP 5 CONDITIONS REASON HEIGHT ABOVE WA WENTS  Moberly River 10676146 12:21  | ATER | DANK UTM CREW                   | sout<br>6307 | TYPE  h BC BC  | TE none alder 6229287           |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED NO  download OK  RPL#18  SITE ID MO LOGGER TYPE DOWNLOAD DATE   | Tidb 19 PE 100 FU  bDN1 Tidb 19 PE 100 | CM DISLO  LOCATION  LOCATION  LOCATION  LOCATION  LOCATION  LOCATION  CM DISLO  CM DIS | OGGER SERIAL DOMNLOA WATER TEMP L DOGED NO W et  OGGER SERIAL D17 DOWNLOA WATER TEMP L DDGED NO | d/s of   | 10676147 12:14 AIR TEMP 5 CONDITIONS REASON HEIGHT ABOVE WA WENTS  Moberly River 10676146 12:21 AIR TEMP 5 CONDITIONS REASON   | .0   | BANK<br>UTM<br>CREW<br>ICE COND | sout<br>6307 | TYPE  h BC BC  | TE none alder 6229287           |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED NO  download OK RPL#18  SITE ID MO LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE                                     | Tidb 19 PE 100 FU  bDN1 Tidb 19 PE 100 | CM DISLC NCTIONAL  LOCATION it L Oct 20 YSI  | OGGER SERIAL DOMNLOA WATER TEMP L DOGED NO W et  OGGER SERIAL D17 DOWNLOA WATER TEMP L DDGED NO | d/s of  # AD TIME 9.6 OGGER C  IF DRY, COMI  | 10676147 12:14 AIR TEMP 5 CONDITIONS REASON HEIGHT ABOVE WA WENTS  Moberly River 10676146 12:21 AIR TEMP 5 CONDITIONS REASON HEIGHT ABOVE WA HEIGHT ABOVE WA HEIGHT ABOVE WA | .0   | BANK<br>UTM<br>CREW<br>ICE COND | sout<br>6307 | TYPE  h BC BC  | TE none alder 6229287           |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED NO  download OK RPL#18  SITE ID MO LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH                         | Tidb 19 PE 100 FU  bDN1 Tidb 19 PE 100 | CM DISLO  LOCATION  LOCATION  LOCATION  LOCATION  LOCATION  LOCATION  CM DISLO  CM DIS | OGGER SERIAL DOMNLOA WATER TEMP L DOGED NO W et  OGGER SERIAL D17 DOWNLOA WATER TEMP L DDGED NO | d/s of  # AD TIME 9.6 OGGER C  IF DRY, COMI  | 10676147 12:14 AIR TEMP 5 CONDITIONS REASON HEIGHT ABOVE WA WENTS  Moberly River 10676146 12:21 AIR TEMP 5 CONDITIONS REASON   | .0   | BANK<br>UTM<br>CREW<br>ICE COND | sout<br>6307 | TYPE  h BC BC  | TE none  alder  6229287 TE none |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED NO  download OK RPL#18  SITE ID MO LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED NO               | Tidb 19 PE 100 FU  bDN1 Tidb 19 PE 100 | CM DISLO  LOCATION  LOCATION  LOCATION  LOCATION  LOCATION  LOCATION  CM DISLO  CM DIS | OGGER SERIAL DOMNLOA WATER TEMP L DOGED NO W et  OGGER SERIAL D17 DOWNLOA WATER TEMP L DDGED NO | d/s of  # AD TIME 9.6 OGGER C  IF DRY, COMI  | 10676147 12:14 AIR TEMP 5 CONDITIONS REASON HEIGHT ABOVE WA WENTS  Moberly River 10676146 12:21 AIR TEMP 5 CONDITIONS REASON HEIGHT ABOVE WA HEIGHT ABOVE WA HEIGHT ABOVE WA | .0   | BANK<br>UTM<br>CREW<br>ICE COND | sout<br>6307 | TYPE  h BC BC  | TE none  alder  6229287 TE none |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED NO  download OK  RPL#18  SITE ID MO LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED NO  download OK | Tidb 19 PE 100 FU  bDN1 Tidb 19 PE 100 | CM DISLO  LOCATION  LOCATION  LOCATION  LOCATION  LOCATION  LOCATION  CM DISLO  CM DIS | OGGER SERIAL DOMNLOA WATER TEMP L DOGED NO W et  OGGER SERIAL D17 DOWNLOA WATER TEMP L DDGED NO | d/s of  # AD TIME 9.6 OGGER C  IF DRY, COMI  | 10676147 12:14 AIR TEMP 5 CONDITIONS REASON HEIGHT ABOVE WA WENTS  Moberly River 10676146 12:21 AIR TEMP 5 CONDITIONS REASON HEIGHT ABOVE WA HEIGHT ABOVE WA HEIGHT ABOVE WA | .0   | BANK<br>UTM<br>CREW<br>ICE COND | sout<br>6307 | TYPE  h BC BC  | TE none  alder  6229287 TE none |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED NO  download OK RPL#18  SITE ID MO LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED NO               | Tidb 19 PE 100 FU  bDN1 Tidb 19 PE 100 | CM DISLO  LOCATION  LOCATION  LOCATION  LOCATION  LOCATION  LOCATION  CM DISLO  CM DIS | OGGER SERIAL DOMNLOA WATER TEMP L DOGED NO W et  OGGER SERIAL D17 DOWNLOA WATER TEMP L DDGED NO | d/s of  # AD TIME 9.6 OGGER C  IF DRY, COMI  | 10676147 12:14 AIR TEMP 5 CONDITIONS REASON HEIGHT ABOVE WA WENTS  Moberly River 10676146 12:21 AIR TEMP 5 CONDITIONS REASON HEIGHT ABOVE WA HEIGHT ABOVE WA HEIGHT ABOVE WA | .0   | BANK<br>UTM<br>CREW<br>ICE COND | sout<br>6307 | TYPE  h BC BC  | TE none  alder  6229287 TE none |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED NO  download OK  RPL#18  SITE ID MO LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED NO  download OK | Tidb 19 PE 100 FU  bDN1 Tidb 19 PE 100 | CM DISLO  LOCATION  LOCATION  LOCATION  LOCATION  LOCATION  LOCATION  CM DISLO  CM DIS | OGGER SERIAL DOMNLOA WATER TEMP L DOGED NO W et  OGGER SERIAL D17 DOWNLOA WATER TEMP L DDGED NO | d/s of  # AD TIME 9.6 OGGER C  IF DRY, COMI  | 10676147 12:14 AIR TEMP 5 CONDITIONS REASON HEIGHT ABOVE WA WENTS  Moberly River 10676146 12:21 AIR TEMP 5 CONDITIONS REASON HEIGHT ABOVE WA HEIGHT ABOVE WA HEIGHT ABOVE WA | .0   | BANK<br>UTM<br>CREW<br>ICE COND | sout<br>6307 | TYPE  h BC BC  | TE none  alder  6229287 TE none |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED NO  download OK  RPL#18  SITE ID MO LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED NO  download OK | Tidb 19 PE 100 FU  bDN1 Tidb 19 PE 100 | CM DISLO  LOCATION  LOCATION  LOCATION  LOCATION  LOCATION  LOCATION  CM DISLO  CM DIS | OGGER SERIAL DOMNLOA WATER TEMP L DOGED NO W et  OGGER SERIAL D17 DOWNLOA WATER TEMP L DDGED NO | d/s of  # AD TIME 9.6 OGGER C  IF DRY, COMI  | 10676147 12:14 AIR TEMP 5 CONDITIONS REASON HEIGHT ABOVE WA WENTS  Moberly River 10676146 12:21 AIR TEMP 5 CONDITIONS REASON HEIGHT ABOVE WA HEIGHT ABOVE WA HEIGHT ABOVE WA | .0   | BANK<br>UTM<br>CREW<br>ICE COND | sout<br>6307 | TYPE  h BC BC  | TE none  alder  6229287 TE none |
| LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED NO  download OK  RPL#18  SITE ID MO LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED NO  download OK | Tidb 19 PE 100 FU  bDN1 Tidb 19 PE 100 | CM DISLO  LOCATION  LOCATION  LOCATION  LOCATION  LOCATION  LOCATION  CM DISLO  CM DIS | OGGER SERIAL DOMNLOA WATER TEMP L DOGED NO W et  OGGER SERIAL D17 DOWNLOA WATER TEMP L DDGED NO | d/s of  # AD TIME 9.6 OGGER C  IF DRY, COMI  | 10676147 12:14 AIR TEMP 5 CONDITIONS REASON HEIGHT ABOVE WA WENTS  Moberly River 10676146 12:21 AIR TEMP 5 CONDITIONS REASON HEIGHT ABOVE WA HEIGHT ABOVE WA HEIGHT ABOVE WA | .0   | BANK<br>UTM<br>CREW<br>ICE COND | sout<br>6307 | TYPE  h BC BC  | TE none  alder  6229287 TE none |

| BC HYDRO   | ) PEAC                             | $\Gamma$ 171 A $\Gamma$  |   |                                     |   |  |           |                               |              |                                 |                        |
|--|------------------------------------|--|---|-------------------------------------|---|--|-----------|-------------------------------|--------------|---------------------------------|------------------------|
|  | ieUP2                              | LOCATI   |   |                                     | u/s   | of Pine River  |           | BANK                          |              |                                 | north                  |
| OGGER TYPE   | Tidb                               |  | LOGGER  | SERIAL                              |   | 10635062   |           | UTM                           |              | 641653                          | 6225304                |
| OOWNLOAD DATE  | 19                                 | Oct  | 2017 <b>DO</b>  | WNLOAI                              | DTIME   | 13:28  | 3         | CREW                          |              | ВС                              | TE                     |
| EST RECORDER TYPE  | PE                                 | YSI  | WATER   | RTEMP                               | 9.6   | AIR TEMP   | 5.0       | ICECO                         | NDITIO       | NS                              | none                   |
|  |                                    |  |   | LC                                  | OGGER C   | CONDITIONS   |           |                               |              |                                 |                        |
| WATER DEPTH  | 150                                |  | LODGED  | no                                  |   | REASON   |           |                               |              |                                 |                        |
| <b>BURIED</b> no   | FU                                 | NCTIONA  | <b>L</b> wet  |                                     |   | HEIGHT ABOVE   | WATER     |                               | cm TE        | THER TYPE                       | balsam po              |
| ow nload OK  |                                    |  |   |                                     | CONT  | MENTS  |           |                               |              |                                 |                        |
| tainless steel cable (<br>PL#6   | OK                                 |  |   |                                     |   |  |           |                               |              |                                 |                        |
| SITE ID pin  | ieUP1                              | LOCATI   | ON  |                                     | /-  | of Divo Divos  |           | DANK                          |              | · · · · · ·                     |                        |
| OGGER TYPE   | Tidb                               | LOCATI   | LOGGER  | SERIAL                              |   | of Pine River<br>10669747  |           | BANK                          |              | south<br>641034                 | 6225372                |
| DOWNLOAD DATE  | 19                                 | Oct  | 2017 <b>DO</b>  |                                     |   | 13:20  | )         | CREW                          |              |                                 | TE                     |
| EST RECORDER TYPE  |                                    | YSI  |   | RTEMP                               | 9.1   | AIR TEMP   | 16.0      | ICECO                         | NDITIO       |                                 | none                   |
|  |                                    |  |   | LC                                  |   | CONDITIONS   |           |                               |              |                                 |                        |
| WATER DEPTH  | 150                                |  | LODGED  | no                                  |   | REASON   | NA/A TED  |                               | Т            |                                 |                        |
| <b>BURIED</b> no   | FU                                 | NCTION/  | AL wet  |                                     |   | HEIGHT ABOVE   | WATER     |                               | cm IE        | THER TYPE                       | alder                  |
| •  | ЭK                                 |  |   |                                     |   |  |           |                               |              |                                 |                        |
| tainless steel cable (   |                                    |  |   |                                     |   |  |           |                               |              |                                 |                        |
| Stainless steel cable (  | DN1_BU                             | LOCATI   |   |                                     |   | of Pine River  |           | BANK                          |              | south                           |                        |
| SITE ID pineL  | DN1_BU<br>Tidb                     | it   | LOGGER  |                                     | #   | 10893055   | 1         | UTM                           |              | 648362                          |                        |
| SITE ID pineL OGGER TYPE DOWNLOAD DATE   | DN1_BU<br>Tidb<br>16               |  | LOGGER<br>2017 DO   |                                     | #   |  | 1 8.0     | UTM<br>CREW                   | NDITIO       | 648362<br>BC                    | 6222823<br>TE<br>none  |
| SITE ID pineL OGGER TYPE DOWNLOAD DATE   | DN1_BU<br>Tidb<br>16               | it<br>Oct  | LOGGER<br>2017 DO   | WNLOAI<br>R TEMP                    | #<br>D TIME<br>8.2  | 10893055<br>14:01  |           | UTM                           | NDITIO       | 648362<br>BC                    |                        |
| SITE ID pine DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH  | DN1_BU<br>Tidb<br>16<br>PE         | oct merc   | LOGGER<br>2017 DO<br>WATER  | WNLOAI<br>R TEMP                    | #<br>D TIME<br>8.2<br>DGGER C   | 10893055<br>14:01<br>AIR TEMP<br>CONDITIONS<br>REASON  | 8.0       | UTM<br>CREW                   |              | 648362<br>BC<br><b>NS</b>       | TE<br>none             |
| SITE ID pine I OGGER TYPE OWNLOAD DATE EST RECORDER TYPE   | DN1_BU<br>Tidb<br>16<br>PE         | Oct<br>merc  | LOGGER<br>2017 DO<br>WATER  | WNLOAI<br>R TEMP<br>LO              | #<br>D TIME<br>8.2<br>DGGER C   | 10893055<br>14:01<br>AIR TEMP<br>CONDITIONS<br>REASON<br>HEIGHT ABOVE  | 8.0       | UTM<br>CREW                   |              | 648362<br>BC                    | TE                     |
| SITE ID pine I OGGER TYPE OWNLOAD DATE EST RECORDER TYPE WATER DEPTH   | DN1_BU<br>Tidb<br>16<br>PE         | oct merc   | LOGGER<br>2017 DO<br>WATER  | WNLOAI<br>R TEMP<br>LO              | #<br>D TIME<br>8.2<br>DGGER C   | 10893055<br>14:01<br>AIR TEMP<br>CONDITIONS<br>REASON  | 8.0       | UTM<br>CREW                   |              | 648362<br>BC<br><b>NS</b>       | TE<br>none             |
| OGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH  | DN1_BU<br>Tidb<br>16<br>PE         | oct merc   | LOGGER<br>2017 DO<br>WATER  | WNLOAI<br>R TEMP<br>LO              | #<br>D TIME<br>8.2<br>DGGER C   | 10893055<br>14:01<br>AIR TEMP<br>CONDITIONS<br>REASON<br>HEIGHT ABOVE  | 8.0       | UTM<br>CREW                   |              | 648362<br>BC<br><b>NS</b>       | TE<br>none             |
| SITE ID pine DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no  | DN1_BU<br>Tidb<br>16<br>PE         | oct merc   | LOGGER<br>2017 DO<br>WATER  | WNLOAI<br>R TEMP<br>LO              | #<br>D TIME<br>8.2<br>DGGER C   | 10893055<br>14:01<br>AIR TEMP<br>CONDITIONS<br>REASON<br>HEIGHT ABOVE  | 8.0       | UTM<br>CREW                   |              | 648362<br>BC<br><b>NS</b>       | TE<br>none             |
| Stainless steel cable (  SITE ID pine  OGGER TYPE  OWNLOAD DATE  TEST RECORDER TYPE  WATER DEPTH  BURIED no  | DN1_BU Tidb 16 PE 80               | oct merc   | LOGGER<br>2017 DO<br>WATER  | WNLOAI<br>R TEMP<br>LO              | #<br>D TIME<br>8.2<br>DGGER C   | 10893055<br>14:01<br>AIR TEMP<br>CONDITIONS<br>REASON<br>HEIGHT ABOVE  | 8.0       | UTM<br>CREW                   |              | 648362<br>BC<br><b>NS</b>       | TE<br>none             |
| SITE ID pine DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED NO  RPL# 25 low nload OK  | DN1_BU Tidb 16 PE 80               | oct merc   | LOGGER<br>2017 DO<br>WATER  | WNLOAI<br>R TEMP<br>LO              | #<br>D TIME<br>8.2<br>DGGER C   | 10893055<br>14:01<br>AIR TEMP<br>CONDITIONS<br>REASON<br>HEIGHT ABOVE  | 8.0       | UTM<br>CREW                   |              | 648362<br>BC<br><b>NS</b>       | TE<br>none             |
| SITE ID pine DOWNLOAD DATE ST RECORDER TYPE DOWNLOAD DATE ST RECORDER TYPE DURIED NO SPL# 25 low nload OK  | DN1_BU Tidb 16 PE 80               | oct merc   | LOGGER<br>2017 DO<br>WATER  | WNLOAI<br>R TEMP<br>LO              | #<br>D TIME<br>8.2<br>DGGER C   | 10893055<br>14:01<br>AIR TEMP<br>CONDITIONS<br>REASON<br>HEIGHT ABOVE  | 8.0       | UTM<br>CREW                   |              | 648362<br>BC<br><b>NS</b>       | TE<br>none             |
| SITE ID pine DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED NO  RPL# 25 low nload OK  | DN1_BU Tidb 16 PE 80               | oct merc   | LOGGER<br>2017 DO<br>WATER  | WNLOAI<br>R TEMP<br>LO              | #<br>D TIME<br>8.2<br>DGGER C   | 10893055<br>14:01<br>AIR TEMP<br>CONDITIONS<br>REASON<br>HEIGHT ABOVE  | 8.0       | UTM<br>CREW                   |              | 648362<br>BC<br><b>NS</b>       | TE<br>none             |
| SITE ID pine DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no RPL# 25 low nload OK installed new stainless   | DN1_BU Tidb 16 PE 80 FU            | it Oct merc  Cm DIS NCTIONA  | LOGGER<br>2017 DO<br>WATER<br>SLODGED<br>AL Wet                             | WNLOAR TEMP LC                      | # 8.2 DOGGER COMP   | 10893055 14:01 AIR TEMP CONDITIONS REASON HEIGHT ABOVE MENTS   | 8.0       | UTM<br>CREW<br>ICE CO         |              | 648362<br>BC<br>NS<br>THER TYPE | TE none alder          |
| SITE ID pine DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no RPL# 25 low nload OK installed new stainless SITE ID pin.  | DN1_BU Tidb 16 PE 80 FU s steel ca | it Oct merc  cm DIS NCTIONA  able  | LOGGER 2017 DO WATER SLODGED AL Wet   | WNLOAI<br>R TEMP<br>LC              | # B.2 DOGGER COM/   | 10893055 14:01 AIR TEMP CONDITIONS REASON HEIGHT ABOVE MENTS  of Pine River 2226322  | 8.0       | UTM<br>CREW<br>ICE CO         |              | 648362<br>BC<br>NS<br>THER TYPE | TE none alder          |
| SITE ID pine DOWNLOAD DATE  WATER DEPTH BURIED no  RPL# 25 low nload OK Installed new stainless  SITE ID pin OGGER TYPE DOWNLOAD DATE  | DN1_BU Tidb 16 PE 80 FU s steel ca | it Oct merc  CM DIS  NCTIONA  able   | LOGGER 2017 DO WATEF SLODGED AL Wet  ON LOGGER 2017 DO                      | WNLOAI R TEMP LC  NO  SERIAL WNLOAI | # B.2 DGGER C IF DRY, COM  d/s # D TIME                                       | 10893055 14:01 AIR TEMP CONDITIONS REASON HEIGHT ABOVE MENTS  of Pine River 2226322 14:11  | 8.0 WATER | UTM<br>CREW<br>ICE CO         | cm TE        | 648362<br>BC<br>NS<br>THER TYPE | TE none alder          |
| SITE ID pine DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no  RPL# 25 low nload OK installed new stainless SITE ID pin DOGGER TYPE DOWNLOAD DATE  | DN1_BU Tidb 16 PE 80 FU s steel ca | it Oct merc  cm DIS NCTIONA  able  | LOGGER 2017 DO WATEF SLODGED AL Wet  ON LOGGER 2017 DO                      | SERIAL WNLOAI R TEMP                | # 8.2 DGGER C IF DRY, COMI  | 10893055 14:01 AIR TEMP CONDITIONS REASON HEIGHT ABOVE MENTS  of Pine River 2226322  | 8.0       | UTM<br>CREW<br>ICE CO         | cm TE        | 648362<br>BC<br>NS<br>THER TYPE | TE none alder          |
| SITE ID pine DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no  RPL# 25 low nload OK installed new stainless SITE ID pin DOGGER TYPE DOWNLOAD DATE  | DN1_BU Tidb 16 PE 80 FU s steel ca | it Oct merc  CM DIS NCTIONA  able  LOCATI it Oct merc  | LOGGER 2017 DO WATEF SLODGED AL Wet  ON LOGGER 2017 DO                      | SERIAL WNLOAI R TEMP                | # B.2 DGGER COM  d/s  # DTIME 8.2  G/s  # DTIME 8.2  OGGER COM  d/s           | of Pine River 2226322 14:11  | 8.0 WATER | BANK<br>UTM<br>CREW<br>ICE CO | NDITIO debri | south 648101 BC                 | TE none alder          |
| SITE ID pine DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no  RPL# 25 download OK installed new stainless  SITE ID pin LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE DOWNLOAD DATE TEST RECORDER TYPE  | DN1_BU Tidb 16 PE 80 FU s steel ca | it Oct merc  CM DIS NCTIONA  able  LOCATI it Oct merc  | LOGGER 2017 DO WATER SLODGED AL Wet  ON LOGGER 2017 DO WATER SLODGED        | SERIAL WNLOAI R TEMP                | # B.2 DGGER COM  d/s  # DTIME 8.2  GM/s  # DTIME 8.2  OGGER COM  ges  IF DRY, | OF PINE RIVER 2226322 14:11 AIR TEMP CONDITIONS REASON HEIGHT ABOVE  OF PINE RIVER 2226322 14:11 AIR TEMP CONDITIONS REASON HEIGHT ABOVE | 8.0 WATER | BANK<br>UTM<br>CREW<br>ICE CO | NDITIO debri | south 648101 BC                 | TE none alder          |
| SITE ID pine DOWNLOAD DATE TEST RECORDER TYPE BURIED NO BITE ID pine SITE ID pine SITE ID pine DOWNLOAD DATE TEST RECORDER TYPE DOWNLOAD DATE TEST RECORDER TYPE DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH  | DN1_BU Tidb 16 PE 80 FU s steel ca | it Oct merc  CM DIS NCTIONA  able  LOCATI it Oct merc  CM DIS CONTINUE CONT | LOGGER 2017 DO WATER SLODGED AL Wet  ON LOGGER 2017 DO WATER SLODGED        | SERIAL WNLOAI R TEMP                | # B.2 DGGER COM  d/s  # DTIME 8.2  GM/s  # DTIME 8.2  OGGER COM  ges  IF DRY, | 10893055 14:01 AIR TEMP CONDITIONS REASON HEIGHT ABOVE MENTS  of Pine River 2226322 14:11 AIR TEMP CONDITIONS REASON                     | 8.0 WATER | BANK<br>UTM<br>CREW<br>ICE CO | NDITIO debri | south 648101 BC                 | TE none alder          |
| SITE ID pine DOWNLOAD DATE TEST RECORDER TYPE BURIED NO PINE BURIED NO PINE BURIED NO PINE BURIED N | DN1_BU Tidb 16 PE 80 FU s steel ca | it Oct merc  CM DIS NCTIONA  able  LOCATI it Oct merc  CM DIS CONTINUE CONT | LOGGER 2017 DO WATER SLODGED AL Wet  ON LOGGER 2017 DO WATER SLODGED        | SERIAL WNLOAI R TEMP                | # B.2 DGGER COM  d/s  # DTIME 8.2  GM/s  # DTIME 8.2  OGGER COM  ges  IF DRY, | OF PINE RIVER 2226322 14:11 AIR TEMP CONDITIONS REASON HEIGHT ABOVE  OF PINE RIVER 2226322 14:11 AIR TEMP CONDITIONS REASON HEIGHT ABOVE | 8.0 WATER | BANK<br>UTM<br>CREW<br>ICE CO | NDITIO debri | south 648101 BC                 | alder  6222802 TE none |
| SITE ID pine DOWNLOAD DATE TEST RECORDER TYPE BURIED NO PINE BURIED NO PINE BURIED NO P | DN1_BU Tidb 16 PE 80 FU s steel ca | it Oct merc  cm DIS  NCTIONA  able  LOCATI it Oct merc  cm DIS  NCTIONA  | LOGGER 2017 DO WATEF BLODGED AL Wet  ON LOGGER 2017 DO WATEF BLODGED AL Wet | SERIAL WILLOAR TEMP                 | # B.2 DGGER COM  d/s  # DTIME 8.2  GM/s  # DTIME 8.2  OGGER COM  ges  IF DRY, | OF PINE RIVER 2226322 14:11 AIR TEMP CONDITIONS REASON HEIGHT ABOVE  OF PINE RIVER 2226322 14:11 AIR TEMP CONDITIONS REASON HEIGHT ABOVE | 8.0 WATER | BANK<br>UTM<br>CREW<br>ICE CO | NDITIO debri | south 648101 BC                 | alder  6222802 TE none |
| SITE ID pine DOWNLOAD DATE TEST RECORDER TYPE BURIED NO PINE BURIED NO PINE BURIED NO PINE BURIED N | DN1_BU Tidb 16 PE 80 FU s steel ca | it Oct merc  cm DIS  NCTIONA  able  LOCATI it Oct merc  cm DIS  NCTIONA  | LOGGER 2017 DO WATEF BLODGED AL Wet  ON LOGGER 2017 DO WATEF BLODGED AL Wet | SERIAL WILLOAR TEMP                 | # B.2 DGGER COM  d/s  # DTIME 8.2  GM/s  # DTIME 8.2  OGGER COM  ges  IF DRY, | OF PINE RIVER 2226322 14:11 AIR TEMP CONDITIONS REASON HEIGHT ABOVE  OF PINE RIVER 2226322 14:11 AIR TEMP CONDITIONS REASON HEIGHT ABOVE | 8.0 WATER | BANK<br>UTM<br>CREW<br>ICE CO | NDITIO debri | south 648101 BC                 | alder  6222802 TE none |
| SITE ID pine DOWNLOAD DATE TEST RECORDER TYPE WATER DEPTH BURIED no  SITE ID pin RPL# 25 IOW nload OK Installed new stainless SITE ID pin LOGGER TYPE DOWNLOAD DATE TEST RECORDER TYPE DOWNLOAD DATE TEST RECORDER TYPE TOWNLOAD DATE T | DN1_BU Tidb 16 PE 80 FU s steel ca | it Oct merc  cm DIS  NCTIONA  able  LOCATI it Oct merc  cm DIS  NCTIONA  | LOGGER 2017 DO WATEF BLODGED AL Wet  ON LOGGER 2017 DO WATEF BLODGED AL Wet | SERIAL WILLOAR TEMP                 | # B.2 DGGER COM  d/s  # DTIME 8.2  GM/s  # DTIME 8.2  OGGER COM  ges  IF DRY, | OF PINE RIVER 2226322 14:11 AIR TEMP CONDITIONS REASON HEIGHT ABOVE  OF PINE RIVER 2226322 14:11 AIR TEMP CONDITIONS REASON HEIGHT ABOVE | 8.0 WATER | BANK<br>UTM<br>CREW<br>ICE CO | NDITIO debri | south 648101 BC                 | TE none alder          |
| STEID pine DOWNLOAD DATE STRECORDER TYPE DOWNLOAD DATE STRECORDER TYPE WATER DEPTH BURIED no  STEID pin COGGER TYPE DOWNLOAD DATE STRECORDER TYPE STRECORDER | DN1_BU Tidb 16 PE 80 FU s steel ca | it Oct merc  cm DIS  NCTIONA  able  LOCATI it Oct merc  cm DIS  NCTIONA  | LOGGER 2017 DO WATEF BLODGED AL Wet  ON LOGGER 2017 DO WATEF BLODGED AL Wet | SERIAL WILLOAR TEMP                 | # B.2 DGGER COM  d/s  # DTIME 8.2  GM/s  # DTIME 8.2  OGGER COM  ges  IF DRY, | OF PINE RIVER 2226322 14:11 AIR TEMP CONDITIONS REASON HEIGHT ABOVE  OF PINE RIVER 2226322 14:11 AIR TEMP CONDITIONS REASON HEIGHT ABOVE | 8.0 WATER | BANK<br>UTM<br>CREW<br>ICE CO | NDITIO debri | south 648101 BC                 | alder  6222802 TE none |

| В  | C HYD  | RO PE  | <b>ACE RIV</b>  | ER TEMP  | ERATU  | RE MON  | ITORING - DOWN  | LOAD                          | INFC  | )RMA         | TION F       | ORM                                   |
|--|--|--|---|--|--|---|---|-------------------------------|-------|--------------|--------------|---------------------------------------|
| SITEID   |  | gmsUP1   | LOCA  |  |  |   | S Forebay   | BANK                          |       |              |              |                                       |
| LOGGER T   |  | o .  | idbit   |  | RSERIAL  |   | 10676155  | UTM                           |       | 548          | 3841         | 6209022                               |
| DOWNLOA  | D DATE   | 10   | ) Jan   | 2018 <b>DC</b>   |  |   | n/a   | CREW                          |       | 0.0          | BC           |                                       |
| TEST REC   |  |  | -   |  | RTEMP  |   | AIR TEMP  | ICEC                          |       | LIUNS        |              | none                                  |
| 12011120   | J. L. L.   |  |   | 117112   |  | OGGER CO  | ONDITIONS   | IOL O                         | JIIDI | 10110        |              | 110110                                |
| VAVA TED E   | DEDILL   | 400  |   | HOL ODOED  |  |   |   |                               |       |              |              |                                       |
| WATER  | JEP I H  | 100  |   | ISLODGED   |  |   | EASON   |                               |       |              |              |                                       |
| BURIED   |  |  | FUNCTION  | <b>√AL</b>   |  |   | HEIGHT ABOVE WATER  | ₹                             | cm    | TETHE        | RTYPE        | steel buoy                            |
|  |  |  |   |  |  | COMM  | IENTS   |                               |       |              |              |                                       |
|  |  |  |   |  |  |   |   |                               |       |              |              |                                       |
| Not dow nlc  |  |  |   | s buoy.  |  |   |   |                               |       |              |              |                                       |
| Next dow n   | load atte  | mpt, Apr   | il 2018.  |  |  |   |   |                               |       |              |              |                                       |
|  |  |  |   |  |  |   |   |                               |       |              |              |                                       |
|  |  |  |   |  |  |   |   |                               |       |              |              |                                       |
|  |  |  |   |  |  |   |   |                               |       |              |              |                                       |
|  |  |  |   |  |  |   |   |                               |       |              |              |                                       |
|  |  |  |   |  | _  |   |   |                               |       |              |              |                                       |
| SITEID   |  | gmsUP2   | LOCA  |  |  |   | S Forebay   | BANK                          |       |              |              |                                       |
| LOGGER T   |  |  | idbit   |  | RSERIAL  |   | 10676180  | UTM                           |       | 548          | 3841         | 6209022                               |
| DOWNLOA  |  |  | ) Jan   | 2018 <b>DC</b>   |  | DTIME   | n/a   | CREW                          |       |              | ВС           |                                       |
| TEST REC   | ORDER 1  | YPE  |   | WATE   | RTEMP  |   | AIRTEMP   | ICEC                          | ONDI  | TIONS        |              | none                                  |
| VAVA TED E   | DEDTIL   | 4000   |   | IOL ODOED  | LC   |   | ONDITIONS   |                               |       |              |              |                                       |
| WATER  | )EP I H  | 1000   |   | ISLODGED   |  |   | EASON   |                               |       |              | D T/DE       |                                       |
| BURIED   |  |  | FUNCTION  | VAL  |  | COM M   | HEIGHT ABOVE WATER  | <b>C</b>                      | cm    | IEIHE        | RTYPE        | steel buoy                            |
|  |  |  |   |  |  | COIVIIV   | IENIS   |                               |       |              |              |                                       |
| Not downlo   | adadı ia   | o upoefe   | to opposi   | huov.  |  |   |   |                               |       |              |              |                                       |
| Not dow nlo<br>Next dow n  |  |  |   | buoy.  |  |   |   |                               |       |              |              |                                       |
| INEXT GOW II   | loau alle  | прі, Арі   | 1 2010.   |  |  |   |   |                               |       |              |              |                                       |
|  |  |  |   |  |  |   |   |                               |       |              |              |                                       |
|  |  |  |   |  |  |   |   |                               |       |              |              |                                       |
|  |  |  |   |  |  |   |   |                               |       |              |              |                                       |
|  |  |  |   |  |  |   |   |                               |       |              |              |                                       |
|  |  |  |   |  |  |   |   |                               |       |              |              |                                       |
| SITEID   |  | ame DN2  | LOCA  | TION   |  | GMS   | Tailraca PDR  | BANK                          |       |              |              | north                                 |
| SITE ID  |  | gmsDN2   | LOCA  |  | SEDIAL   |   | Tailrace RDB  | BANK                          |       | 5.45         | 2020         | north                                 |
| LOGGER T   | YPE  | T  | idbit   | LOGGER   | R SERIAL   | #   | 10669739  | UTM                           |       | 548          | 3828<br>BC   | 6207836                               |
| LOGGER T   | YPE<br>AD DATE   | T<br>10  | idbit<br>) Jan  | LOGGER<br>2018 DC  |  | #<br>D TIME   | 10669739<br>12:57   | UTM<br>CREW                   |       |              | 3828<br>BC   | 6207836<br>TE                         |
| LOGGER T   | YPE<br>AD DATE   | T<br>10  | idbit   | LOGGER<br>2018 DC  | OWNLOAI<br>ER TEMP   | #<br>D TIME<br>1.7  | 10669739<br>12:57<br>AIR TEMP -26   | UTM                           |       |              |              | 6207836                               |
| LOGGER T<br>DOWNLOA<br>TEST RECO   | YPE<br>AD DATE<br>ORDER 1  | T<br>= 10<br>FYPE  | idbit<br>) Jan<br>YSI   | 2018 DC<br>WATE  | OWNLOAD<br>R TEMP  | #<br>D TIME<br>1.7<br>OGGER CO  | 10669739<br>12:57<br>AIR TEMP -26<br>DNDITIONS  | UTM<br>CREW                   |       |              |              | 6207836<br>TE                         |
| LOGGER T   | YPE<br>AD DATE<br>ORDER 1  | T<br>10<br><b>TYPE</b>   | idbit<br>) Jan<br>YSI   | 2018 DC<br>WATE  | OWNLOAD<br>R TEMP  | # D TIME 1.7 DGGER CC   | 10669739<br>12:57<br>AIR TEMP -26<br>DNDITIONS  | UTM<br>CREW<br>ICE CO         | ONDIT | TIONS        |              | 6207836<br>TE<br>none                 |
| LOGGER T<br>DOWNLOA<br>TEST RECO   | YPE<br>AD DATE<br>ORDER 1<br>DEPTH   | T<br>10<br><b>TYPE</b>   | idbit ) Jan YSI cm D  | 2018 DC<br>WATE  | OWNLOAD<br>R TEMP  | # D TIME 1.7 DGGER CC   | 10669739 12:57 AIR TEMP -26  DNDITIONS EASON HEIGHT ABOVE WATER   | UTM<br>CREW<br>ICE CO         | ONDIT | TIONS        | ВС           | 6207836<br>TE                         |
| LOGGER T<br>DOWNLOA<br>TEST RECO   | YPE<br>AD DATE<br>ORDER 1<br>DEPTH   | T<br>10<br><b>TYPE</b>   | idbit ) Jan YSI cm D  | 2018 DC<br>WATE  | OWNLOAD<br>R TEMP  | # D TIME 1.7 OGGER CO R IF DRY, H   | 10669739 12:57 AIR TEMP -26  DNDITIONS EASON HEIGHT ABOVE WATER   | UTM<br>CREW<br>ICE CO         | ONDIT | TIONS        | ВС           | 6207836<br>TE<br>none                 |
| LOGGER T<br>DOWNLOA<br>TEST RECO<br>WATER D<br>BURIED  | YPE AD DATE ORDER 1 DEPTH no   | T<br>10<br>17 <b>YPE</b>   | idbit ) Jan YSI cm D  | LOGGER<br>2018 DO<br>WATE<br>SISLODGED<br>NAL wet  | DWNLOAI<br>R TEMP<br>LC                                      | # D TIME 1.7 OGGER COR IF DRY, F  | 10669739 12:57 AIR TEMP -26  DNDITIONS EASON HEIGHT ABOVE WATER   | UTM<br>CREW<br>ICE CO         | ONDIT | TIONS        | ВС           | 6207836<br>TE<br>none                 |
| LOGGER T<br>DOWNLOA<br>TEST RECO<br>WATER D<br>BURIED  | ORDER 1 DEPTH no   | T 10 TYPE 150 150  | idbit ) Jan YSI cm D  | 2018 DC<br>WATE  | DWNLOAI<br>R TEMP<br>LC                                      | # D TIME 1.7 OGGER COR IF DRY, F  | 10669739 12:57 AIR TEMP -26  DNDITIONS EASON HEIGHT ABOVE WATER   | UTM<br>CREW<br>ICE CO         | ONDIT | TIONS        | ВС           | 6207836<br>TE<br>none                 |
| LOGGER T DOWNLOA TEST RECO WATER D BURIED  Back-up log both down   | ORDER 1 DEPTH no gger gms loads Oh   | 150<br>150<br>150<br>5DN2-BU   | idbit  Jan YSI  cm D FUNCTION   | LOGGER 2018 DC WATE  | no  sule 12:5  | # 1.7 DGGER CO R IF DRY, H COMM   | 10669739 12:57 AIR TEMP -26  DNDITIONS EASON HEIGHT ABOVE WATER   | UTM<br>CREW<br>ICE CO         | ONDIT | TIONS        | ВС           | 6207836<br>TE<br>none                 |
| LOGGER T DOWNLOA TEST RECO WATER D BURIED  Back-up log both down   | DEPTH no gger gms loads Or (stainless  | T T 10 TYPE 150  150  SDN2-BU  | idbit  Jan  YSI  cm D  FUNCTION  2038614 i  | LOGGER 2018 DC WATE SISLODGED NAL wet  | no  sule 12:5  | # 1.7 DGGER CO R IF DRY, H COMM   | 10669739 12:57 AIR TEMP -26 DNDITIONS EASON HEIGHT ABOVE WATER  | UTM<br>CREW<br>ICE CO         | ONDIT | TIONS        | ВС           | 6207836<br>TE<br>none                 |
| LOGGER T DOWNLOA TEST RECO WATER D BURIED  Back-up log both downlicable OK (   | DEPTH no gger gms loads Or (stainless  | T T 10 TYPE 150  150  SDN2-BU  | idbit  Jan  YSI  cm D  FUNCTION  2038614 i  | LOGGER 2018 DC WATE SISLODGED NAL wet  | no  sule 12:5  | # 1.7 DGGER CO R IF DRY, H COMM   | 10669739 12:57 AIR TEMP -26 DNDITIONS EASON HEIGHT ABOVE WATER  | UTM<br>CREW<br>ICE CO         | ONDIT | TIONS        | ВС           | 6207836<br>TE<br>none                 |
| LOGGER T DOWNLOA TEST RECO WATER D BURIED  Back-up log both downlicable OK (   | DEPTH no gger gms loads Or (stainless  | T T 10 TYPE 150  150  SDN2-BU  C s steel ca  | idbit  Jan  YSI  cm D  FUNCTION  2038614 i  | LOGGER 2018 DC WATE SISLODGED NAL wet  | no  sule 12:5  | # 1.7 DGGER CO R IF DRY, H COMM   | 10669739 12:57 AIR TEMP -26 DNDITIONS EASON HEIGHT ABOVE WATER  | UTM<br>CREW<br>ICE CO         | ONDIT | TIONS        | ВС           | 6207836<br>TE<br>none                 |
| LOGGER T DOWNLOA TEST RECO WATER D BURIED  Back-up log both downlicable OK (   | DEPTH no gger gms loads Or (stainless  | T T 10 TYPE 150  150  SDN2-BU  C s steel ca  | idbit  Jan  YSI  cm D  FUNCTION  2038614 i  | LOGGER 2018 DC WATE SISLODGED NAL wet  | no  sule 12:5  | # 1.7 DGGER CO R IF DRY, H COMM   | 10669739 12:57 AIR TEMP -26 DNDITIONS EASON HEIGHT ABOVE WATER  | UTM<br>CREW<br>ICE CO         | ONDIT | TIONS        | ВС           | 6207836<br>TE<br>none                 |
| LOGGER T DOWNLOA TEST RECO WATER D BURIED  Back-up log both downlicable OK (   | DEPTH no gger gms loads Of (stainless gger-Rpl   | T T 10 TYPE 150  150  SDN2-BU  C s steel ca  | idbit  Jan  YSI  cm D  FUNCTION  2038614 i  | LOGGER 2018 DO WATE  SISLODGED NAL wet  in same capa in attached t   | no  sule 12:5  | # 1.7 DGGER CC R IF DRY, F COMM   | 10669739 12:57 AIR TEMP -26 DNDITIONS EASON HEIGHT ABOVE WATER  | UTM<br>CREW<br>ICE CO         | ONDIT | TETHE        | ВС           | 6207836<br>TE<br>none                 |
| LOGGER T DOWNLOA TEST RECO WATER D BURIED  Back-up log both down i cable OK ( Primary Log  | DEPTH no gger gms loads Of (stainless gger-Rpl   | TTE 100 TYPE 150  SDN2-BU ( s s steel ca #11, SN   | idbit  Jan YSI  cm D FUNCTION  2038614 i able sectio 10669739   | LOGGER 2018 DO WATE  SISLODGED NAL wet  in same capa in attached t   | no  sule 12:5  | # 1.7 DGGER CC R IF DRY, F COMM   | 10669739 12:57 AIR TEMP -26 DNDITIONS EASON HEIGHT ABOVE WATER IENTS around rock)   | UTM<br>CREW<br>ICE CO         | ONDIT | TETHE        | BC<br>R TYPE | 6207836<br>TE<br>none                 |
| LOGGER T DOWNLOA TEST RECC WATER D BURIED  Back-up log both downli cable OK ( Primary Log  | DEPTH no gger gms loads Of (stainless gger-Rpl   | T T 10 150 150 150 150 150 150 150 150 150   | cm DFUNCTION  2038614 i able section 10669739   | LOGGER 2018 DO WATE  SISLODGED NAL wet  in same capa in attached t   | no sule 12:5   | # D TIME 1.7 OGGER CC R IF DRY, F COMM 8  | 10669739 12:57 AIR TEMP -26 DNDITIONS EASON HEIGHT ABOVE WATER IENTS  around rock)  Tailrace LDB  | UTM<br>CREW<br>ICE CO         | cm    | TETHE        | R TYPE       | 6207836<br>TE<br>none<br>rock         |
| LOGGER T DOWNLOA TEST RECO WATER D BURIED  Back-up log both downli cable OK ( Primary Log  SITE ID LOGGER T                                      | DEPTH no gger gms loads Of (stainless gger-Rpl   | TTE 100 TYPE 150  SDN2-BU  (  s s steel ca #11, SN  gmsDN1 T 100                                   | idbit  Jan YSI  cm D  FUNCTION  2038614 i able section 10669739   | LOGGER 2018 DO WATE  SISLODGED NAL wet  In same capa In attached to LOGGER 2018 DO                             | no sule 12:5   | # D TIME 1.7 OGGER CC R IF DRY, F COMM 8  | 10669739 12:57 AIR TEMP -26 DNDITIONS EASON HEIGHT ABOVE WATER IENTS  around rock)  Tailrace LDB 10635063   | UTM<br>CREW<br>ICE CO         | cm    | TETHE so 548 | R TYPE       | 6207836<br>TE<br>none<br>rock         |
| Back-up log both downlicable OK ( Primary Log  SITE ID  LOGGER T  DOWNLOA  | DEPTH no gger gms loads Of (stainless gger-Rpl   | TTE 100 TYPE 150  SDN2-BU  (  s s steel ca #11, SN  gmsDN1 T 100                                   | cm DFUNCTION  2038614 i able section 10669739  LOCA'  | LOGGER 2018 DO WATE  SISLODGED NAL wet  In same capa In attached to LOGGER 2018 DO                             | no  sule 12:5  to galvani  R SERIAL  DWNLOAI  R TEMP         | # D TIME 1.7 DGGER CC R IF DRY, F COMM 8 ized cable GMS # D TIME 1.7  | 10669739 12:57 AIR TEMP -26 DIDITIONS EASON HEIGHT ABOVE WATER IENTS  Tailrace LDB 10635063 13:22   | UTM<br>CREW<br>ICE CO         | cm    | TETHE so 548 | R TYPE       | 62077836<br>TE<br>none<br>rock        |
| Back-up log both downlicable OK ( Primary Log  SITE ID  LOGGER T  DOWNLOA  | DEPTH no  gger gms loads Of (stainless gger-Rpl  | TTE 100 TYPE 150  SDN2-BU  (  s s steel ca #11, SN  gmsDN1 T 100                                   | cm DFUNCTION  2038614 i able section 10669739  LOCA idbit ) Jan YSI   | LOGGER 2018 DO WATE  SISLODGED NAL wet  In same capa In attached to LOGGER 2018 DO                             | no  sule 12:5  to galvani  R SERIAL  DWNLOAI  R TEMP         | # 1.7 DGGER CG R IF DRY, F COMM 8 zed cable GMS # DTIME 1.7 DGGER CG  | 10669739 12:57 AIR TEMP -26 DIDITIONS EASON HEIGHT ABOVE WATER IENTS  Tailrace LDB 10635063 13:22 AIR TEMP -26  | UTM<br>CREW<br>ICE CO         | cm    | TETHE so 548 | R TYPE       | 62077836<br>TE<br>none<br>rock        |
| Back-up log both downloa cable OK ( Primary Log  SITE ID LOGGER T DOWNLOA TEST RECO  | DEPTH no  gger gms loads Of (stainless gger-Rpl  | TT 100 150 150 150 150 150 150 150 150 150   | cm DFUNCTION  2038614 i able section 10669739  LOCA idbit ) Jan YSI   | LOGGER 2018 DO WATE  SISLODGED  NAL wet  In same capa In attached to LOGGER 2018 DO WATE                       | no  sule 12:5  to galvani  R SERIAL  DWNLOAI  R TEMP         | # 1.7 DGGER CC R IF DRY, F COMM 8 szed cable GMS # DTIME 1.7 DGGER CC   | 10669739 12:57 AIR TEMP -26 DNDITIONS EASON HEIGHT ABOVE WATER IENTS  Tailrace LDB 10635063 13:22 AIR TEMP -26 DNDITIONS                                  | BANK<br>UTM<br>CREW<br>ICE CO | cm    | SO 548       | R TYPE       | 62077836<br>TE<br>none<br>rock        |
| Back-up log both downloa cable OK ( Primary Log  SITE ID LOGGER T DOWNLOA TEST RECC  | DEPTH  ORDER 1  DEPTH  no  gger gms loads Of stainless gger-Rpl  TYPE  AD DATE ORDER 1   | TT 100 150 150 150 150 150 150 150 150 150   | cm DFUNCTION  2038614 i able section 10669739  LOCA idbit ) Jan YSI   | LOGGER 2018 DO WATE  SISLODGED  NAL wet  In same capa In attached to LOGGER 2018 DO WATE                       | no  sule 12:5  to galvani  R SERIAL  DWNLOAI  R TEMP         | # 1.7 DGGER CC R IF DRY, F COMM 8 szed cable GMS # DTIME 1.7 DGGER CC   | 10669739 12:57 AIR TEMP -26 DINDITIONS EASON HEIGHT ABOVE WATER IENTS  Tailrace LDB 10635063 13:22 AIR TEMP -26 DINDITIONS EASON HEIGHT ABOVE WATER IENTS | BANK<br>UTM<br>CREW<br>ICE CO | cm    | SO 548       | BC R TYPE    | 62077836 TE none rock 6207761 TE none |
| Back-up log both downloa cable OK ( Primary Log  SITE ID LOGGER T DOWNLOA TEST RECC  | DEPTH  ORDER 1  DEPTH  no  gger gms loads Of stainless gger-Rpl  TYPE  AD DATE ORDER 1   | TT 100 150 150 150 150 150 150 150 150 150   | cm DFUNCTION  2038614 i able section 10669739  LOCA idbit ) Jan YSI   | LOGGER 2018 DO WATE  SISLODGED  NAL wet  In same capa In attached to LOGGER 2018 DO WATE                       | no  sule 12:5  to galvani  R SERIAL  DWNLOAI  R TEMP         | # 1.7 DGGER CC R IF DRY, F COMM  8  ized cable  GMS # DTIME 1.7 DGGER CC R IF DRY, F  | 10669739 12:57 AIR TEMP -26 DINDITIONS EASON HEIGHT ABOVE WATER IENTS  Tailrace LDB 10635063 13:22 AIR TEMP -26 DINDITIONS EASON HEIGHT ABOVE WATER IENTS | BANK<br>UTM<br>CREW<br>ICE CO | cm    | SO 548       | BC R TYPE    | 62077836 TE none rock 6207761 TE none |
| Back-up log both downloa cable OK ( Primary Log  SITE ID LOGGER T DOWNLOA TEST RECC  | DEPTH  ORDER 1  DEPTH  no  gger gms loads Of stainless gger-Rpl  TYPE  AD DATE ORDER 1   | TT 100 150 150 150 150 150 150 150 150 150   | cm DFUNCTION  2038614 i able section 10669739  LOCA idbit ) Jan YSI   | LOGGER 2018 DO WATE  SISLODGED  NAL wet  In same capa In attached to LOGGER 2018 DO WATE                       | no  sule 12:5  to galvani  R SERIAL  DWNLOAI  R TEMP         | # 1.7 DGGER CC R IF DRY, F COMM  8  ized cable  GMS # DTIME 1.7 DGGER CC R IF DRY, F  | 10669739 12:57 AIR TEMP -26 DINDITIONS EASON HEIGHT ABOVE WATER IENTS  Tailrace LDB 10635063 13:22 AIR TEMP -26 DINDITIONS EASON HEIGHT ABOVE WATER IENTS | BANK<br>UTM<br>CREW<br>ICE CO | cm    | SO 548       | BC R TYPE    | 62077836 TE none rock 6207761 TE none |
| LOGGER T DOWNLOA TEST RECT WATER D Back-up log both downloa cable OK ( Primary Log  SITE ID LOGGER T DOWNLOA TEST RECT WATER D BURIED            | DEPTH no gger gms loads Of (stainless gger-Rpl  TYPE DDATE ORDER 1   | T T 100 150 150 150 150 150 150 150 150 150  | cm D FUNCTION  LOCA idbit  Jan  ySI  2038614 i able sectio 10669739  LOCA idbit  Jan  ySI  cm D FUNCTION    | LOGGER 2018 DO WATE  SISLODGED  NAL wet  In same capa In attached to LOGGER 2018 DO WATE                       | no  sule 12:5  to galvani  R SERIAL  DWNLOAI  R TEMP  LC  no | # 1.7 DGGER CC R IF DRY, H COMM  8  JECOMM  B | 10669739 12:57 AIR TEMP -26 DINDITIONS EASON HEIGHT ABOVE WATER IENTS  Tailrace LDB 10635063 13:22 AIR TEMP -26 DINDITIONS EASON HEIGHT ABOVE WATER IENTS | BANK<br>UTM<br>CREW<br>ICE CO | cm    | SO 548       | BC R TYPE    | 62077836 TE none rock 6207761 TE none |
| LOGGER T DOWNLOA TEST RECT WATER D Back-up log both downloa cable OK ( Primary Log  SITE ID LOGGER T DOWNLOA TEST RECT WATER D BURIED            | DEPTH no  TYPE  AD DATE  ORDER 1  DEPTH no  Grant no  Gr | T T 100 150 150 150 150 150 150 150 150 150  | cm D FUNCTION  LOCA idbit  Jan  ySI  2038614 i able sectio 10669739  LOCA idbit  Jan  ySI  cm D FUNCTION    | LOGGER 2018 DO WATE  SISLODGED NAL wet  In same capa In attached to LOGGER 2018 DO WATE                        | no  sule 12:5  to galvani  R SERIAL  DWNLOAI  R TEMP  LC  no | # 1.7 DGGER CC R IF DRY, H COMM  8  JECOMM  B | 10669739 12:57 AIR TEMP -26 DINDITIONS EASON HEIGHT ABOVE WATER IENTS  Tailrace LDB 10635063 13:22 AIR TEMP -26 DINDITIONS EASON HEIGHT ABOVE WATER IENTS | BANK<br>UTM<br>CREW<br>ICE CO | cm    | SO 548       | BC R TYPE    | 62077836 TE none rock 6207761 TE none |
| Back-up log both downloa  TEST RECT  WATER D  Back-up log both downloa  SITE ID  LOGGER T  DOWNLOA  TEST RECT  WATER D  Back-up log both downloa | DEPTH no  TYPE AD DATE ORDER 1  DEPTH no  Grant Stainless gger-Rpl  DEPTH no  DEPTH no  Grant Stainless gger-Rpl  DEPTH no  Grant Stainless Gr | T T 100 150 150 150 150 150 150 150 150 150  | idbit  Jan YSI  cm D FUNCTION  2038614 i able sectio 10669739  LOCA idbit  Jan YSI  cm D FUNCTION           | LOGGER 2018 DO WATE  SISLODGED  NAL wet  In same cap.  In attached to  LOGGER 2018 DO WATE  SISLODGED  NAL wet | no  sule 12:5  to galvani  R SERIAL  DWNLOAI  R TEMP  LC  no | # 1.7 DGGER CC R IF DRY, H COMM 8  ized cable  GMS # 1.7 DGGER CC R IF DRY, H COMM  | 10669739 12:57 AIR TEMP -26 DINDITIONS EASON HEIGHT ABOVE WATER IENTS  Tailrace LDB 10635063 13:22 AIR TEMP -26 DINDITIONS EASON HEIGHT ABOVE WATER IENTS | BANK<br>UTM<br>CREW<br>ICE CO | cm    | SO 548       | BC R TYPE    | 62077836 TE none rock 6207761 TE none |
| Back-up log both downloa  TEST RECT  WATER D  Back-up log both downloa  SITE ID  LOGGER T  DOWNLOA  TEST RECT  WATER D  Back-up log both downloa | DEPTH no  | TT: 100 TYPE  150  150  SDN2-BU ( s s steel ca #11, SN  TT  100  TYPE  120  SDN1-BU ( s s steel ca | idbit  Jan YSI  cm D FUNCTION  2038614 i able sectio 10669739  LOCA idbit Jan YSI  cm D FUNCTION  2038613 i | LOGGER 2018 DO WATE  SISLODGED  NAL wet  In same cap.  In attached to  LOGGER 2018 DO WATE  SISLODGED  NAL wet | no  sule 12:5  to galvani  R SERIAL  DWNLOAI  R TEMP  LC  no | # 1.7 DGGER CC R IF DRY, H COMM 8  ized cable  GMS # 1.7 DGGER CC R IF DRY, H COMM  | 10669739 12:57 AIR TEMP -26 DINDITIONS EASON HEIGHT ABOVE WATER IENTS  Tailrace LDB 10635063 13:22 AIR TEMP -26 DINDITIONS EASON HEIGHT ABOVE WATER IENTS | BANK<br>UTM<br>CREW<br>ICE CO | cm    | SO 548       | BC R TYPE    | 62077836 TE none rock 6207761 TE none |

|   | INO F LA  |   |  |  | ITORING -   |            | OADIN                          | IEODM V         | LION E    | 101/1                 |
|---|---|---|--|--|---|------------|--------------------------------|-----------------|-----------|-----------------------|
| SITEID  | pcnUP1  | LOCATIO   |  |  | N Forebay   | DOMINE     | BANK                           | II CINIA        | 110111    | north                 |
| OGGER TYPE  | _   |   |  |  |   |            | UTM                            | 500             | 0604      | 6204075               |
|   |   |   | OGGER SERIAL   |  | 10635067  | ^          |                                | 562             | .684<br>  |                       |
| OWNLOAD DATE  |   |   | 018 DOWNLOA  |  | 10:5  |            | CREW                           |                 | BC        |                       |
| EST RECORDER  | TYPE  | YSI   | WATER TEMP   |  | AIR TEMP  | -26.0      | ICECO                          | NDITIONS        |           | none                  |
|   |   |   |  | OGGER CO   |   |            |                                |                 |           |                       |
| WATER DEPTH   | 100   | cm DISL   | <b>ODGED</b> no  |  | EASON   |            |                                |                 |           |                       |
| <b>BURIED</b> no  | F   | UNCTIONAL                                       | w et   | •  | EIGHT ABOVE   | WATER      |                                | cm TETHE        | RTYPE     | log boom              |
| low nload OK  |   |   |  | COMM   | ENTS  |            |                                |                 |           |                       |
| ll stainless steel c<br>PL #10  | able UK   |   |  |  |   |            |                                |                 |           |                       |
| ITEID   | pcnDN2  | LOCATIO   | N  | PCN  | N Tailrace  |            | BANK                           |                 |           | north                 |
| OGGER TYPE  | •   |   | OGGER SERIAL   |  | 10156317  |            | UTM                            | 562             | 803       | 6204854               |
| OWNLOAD DATE  |   |   | 018 DOWNLOA  |  | 11:2  |            | CREW                           | 332             | BC 7      |                       |
| EST RECORDER  |   | YSI   | WATER TEMP   |  | AIR TEMP  | -26.0      |                                | NDITIONS        |           | none                  |
|   |   |   | L  | OGGER CO   |   |            |                                |                 |           |                       |
| WATER DEPTH   | 90  | cm DISL   | <b>ODGED</b> no  |  | EASON   |            |                                |                 |           |                       |
| <b>BURIED</b> no  | F   | UNCTIONAL                                       | w et   |  | EIGHT ABOVE   | WATER      |                                | cm TETHE        | RTYPE     | rock                  |
|   |   |   |  | COMM   | ENTS  |            |                                |                 |           |                       |
| ITEID po  | cnDN2 BU  | LOCATIO   | N  | DCN  | N Tailrace  |            | BANK                           |                 |           | north                 |
| псю   |   |   | OGGER SERIAL   |  | 10635061  |            | UTM                            | 562             | 000       |                       |
| OGGER TYPE  | TIO.  |   |  |  | 10000001  |            | O 1 141                        |                 |           |                       |
|   |   |   | 018 DOWNLOA  | DTIME  | 11:3  | 1          | CREW                           |                 | 803<br>BC | 6204854               |
| OWNLOAD DATE  | E 10  |   | 018 DOWNLOA WATER TEMP   | 1.3  | 11:3<br>AIR TEMP  | 1<br>-26.0 | CREW                           | NDITIONS        | BC        | 6204854               |
| OWNLOAD DATE  | E 10  | Jan 20  | WATER TEMP   |  | AIR TEMP  |            |                                |                 | BC        | 6204854<br>ГЕ         |
| OWNLOAD DATE  | E 10  | Jan 20  | WATER TEMP   | 1.3<br>OGGER CC  | AIR TEMP  |            |                                |                 | BC        | 6204854<br>ГЕ         |
| OWNLOAD DATE<br>EST RECORDER TO<br>WATER DEPTH  | E 10 TYPE 90  | Jan 20<br>YSI                                   | WATER TEMP L ODGED no  | 1.3<br>OGGER CC  | AIR TEMP<br>INDITIONS   | -26.0      | ICE CO                         |                 | BC 1      | 6204854<br>ГЕ         |
| OWNLOAD DATE<br>EST RECORDER TO<br>WATER DEPTH  | E 10 TYPE 90  | Jan 20<br>YSI<br>cm <b>DISL</b> 0               | WATER TEMP L ODGED no  | 1.3<br>OGGER CC  | AIR TEMP DIDITIONS EASON EIGHT ABOVE  | -26.0      | ICE CO                         | NDITIONS        | BC 1      | 6204854<br>TE<br>none |
| WATER DEPTH BURIED no  ow nload OK Il stainless steel c. Inchored to same   | E 10 TYPE  90 F  cable OK   | Jan 20<br>YSI<br>cm DISL0                       | WATER TEMP L ODGED no  | 1.3<br>OGGER CC<br>RI<br>IF DRY, H                             | AIR TEMP DIDITIONS EASON EIGHT ABOVE  | -26.0      | ICE CO                         | NDITIONS        | BC 1      | 6204854<br>TE<br>none |
| WATER DEPTH BURIED no  ow nload OK Il stainless steel c anchored to same kpl #9   | E 10 TYPE  90 F  cable OK   | Jan 20 YSI  cm DISL0 cnDN2                      | WATER TEMP L ODGED no wet  | 1.3<br>OGGER CO<br>RI<br>IF DRY, H                             | AIR TEMP DIDITIONS EASON EIGHT ABOVE  | -26.0      | ICE CON                        | NDITIONS        | BC 1      | 6204854<br>TE<br>none |
| WATER DEPTH BURIED no  ow nload OK Il stainless steel c inchored to same tpl #9  ITE ID  OGGER TYPE   | 90 F  | Jan 20 YSI  cm DISL0 cnDN2                      | WATER TEMP  L ODGED no wet   | 1.3 OGGER CO RI IF DRY, H COMM                                 | AIR TEMP DIDITIONS EASON EIGHT ABOVE  | -26.0      | BANK                           | NDITIONS        | BC 1      | 6204854<br>TE<br>none |
| OWNLOAD DATE EST RECORDER WATER DEPTH BURIED no ownload OK Il stainless steel c nchored to same pl #9  ITE ID OGGER TYPE OWNLOAD DATE   | 90 Feable OK rock as pose   | Jan 20 YSI  cm DISL0 cnDN2                      | WATER TEMP  L ODGED no wet   | 1.3 OGGER CO RI IF DRY, H COMM                                 | AIR TEMP INDITIONS EASON EIGHT ABOVE  | -26.0      | BANK<br>UTM<br>CREW            | NDITIONS  TETHE | BC 1      | 6204854<br>TE<br>none |
| OWNLOAD DATE EST RECORDER WATER DEPTH BURIED no  ownload OK Il stainless steel c nchored to same pl #9  ITE ID OGGER TYPE OWNLOAD DATE  | 90 Feable OK rock as pose   | Jan 20 YSI  cm DISL0 cnDN2                      | WATER TEMP  LODGED no Wet  N LOGGER SERIAL DOWNLOA WATER TEMP      | 1.3 OGGER CO RI IF DRY, H COMM                                 | AIR TEMP  NDITIONS  EASON  EIGHT ABOVE  ENTS  AIR TEMP                          | -26.0      | BANK<br>UTM<br>CREW            | NDITIONS        | BC 1      | 6204854<br>TE<br>none |
| WATER DEPTH BURIED no  ownload OK Il stainless steel conchored to same api #9  SITE ID OGGER TYPE OWNLOAD DATE EST RECORDER   | 90 Feable OK rock as pose   | Jan 20 YSI  cm DISL0 cnDN2                      | WATER TEMP  L ODGED no Wet  N OGGER SERIAL DOWNLOA WATER TEMP      | 1.3 OGGER CO RI IF DRY, H COMM                                 | AIR TEMP  NDITIONS  EASON  EIGHT ABOVE  ENTS  AIR TEMP                          | -26.0      | BANK<br>UTM<br>CREW            | NDITIONS  TETHE | BC 1      | 6204854<br>TE<br>none |
| WATER DEPTH BURIED NO  OWNIOAD OK II stainless steel conchored to same to the | 90 Proceeds the second of the | Jan 20 YSI  cm DISL0  FUNCTIONAL  CnDN2         | N<br>ODGED NO<br>Wet NO<br>NOOGGER SERIAL<br>DOWNLOA<br>WATER TEMP | # D TIME   | AIR TEMP  NDITIONS  EASON  EIGHT ABOVE  ENTS  AIR TEMP  NDITIONS                | -26.0      | BANK<br>UTM<br>CREW<br>ICE COI | NDITIONS  TETHE | RTYPE     | 6204854<br>TE<br>none |
| OGGER TYPE OWNLOAD DATE EST RECORDER WATER DEPTH BURIED no  ownload OK Il stainless steel cunchored to same Epi #9  EITE ID OGGER TYPE OWNLOAD DATE EST RECORDER WATER DEPTH BURIED   | 90 Proceeds the second of the | Jan 20 YSI  cm DISL0 cnDN2  LOCATION L cm DISL0 | N<br>ODGED NO<br>Wet NO<br>NOOGGER SERIAL<br>DOWNLOA<br>WATER TEMP | # D TIME   | AIR TEMP INDITIONS EASON EIGHT ABOVE ENTS  AIR TEMP INDITIONS EASON EIGHT ABOVE | -26.0      | BANK<br>UTM<br>CREW<br>ICE COI | NDITIONS  TETHE | RTYPE     | 6204854<br>TE<br>none |
| WATER DEPTH BURIED NO  OWNIOAD OK II stainless steel conchored to same to the | 90 Proceeds the second of the | Jan 20 YSI  cm DISL0 cnDN2  LOCATION L cm DISL0 | N<br>ODGED NO<br>Wet NO<br>NOOGGER SERIAL<br>DOWNLOA<br>WATER TEMP | 1.3 OGGER CO RI IF DRY, H COMM  # D TIME OGGER CO RI IF DRY, H | AIR TEMP INDITIONS EASON EIGHT ABOVE ENTS  AIR TEMP INDITIONS EASON EIGHT ABOVE | -26.0      | BANK<br>UTM<br>CREW<br>ICE COI | NDITIONS  TETHE | RTYPE     | 6204854<br>TE<br>none |
| OWNLOAD DATE EST RECORDER  WATER DEPTH BURIED no  ownload OK Il stainless steel conchored to same pl #9  ITE ID  OGGER TYPE OWNLOAD DATE EST RECORDER  WATER DEPTH  | 90 Proceeds the second of the | Jan 20 YSI  cm DISL0 cnDN2  LOCATION L cm DISL0 | N<br>ODGED NO<br>Wet NO<br>NOOGGER SERIAL<br>DOWNLOA<br>WATER TEMP | 1.3 OGGER CO RI IF DRY, H COMM  # D TIME OGGER CO RI IF DRY, H | AIR TEMP INDITIONS EASON EIGHT ABOVE ENTS  AIR TEMP INDITIONS EASON EIGHT ABOVE | -26.0      | BANK<br>UTM<br>CREW<br>ICE COI | NDITIONS  TETHE | RTYPE     | 6204854<br>TE<br>none |

| В  | C HYD      | RO PEA    | CE RIVE  | R TEMPI                 | ERATU  | RE MO   | NITORING - I                      | DOWNL | OAD IN              | FORMA   | TION F     | ORM                    |
|--|------------|-----------|--|-------------------------|--------|---------|-----------------------------------|-------|---------------------|---------|------------|------------------------|
| SITEID                                     |            | halfUP2   | LOCATI   |                         |        |         | Halfway River                     |       | BANK                |         |            | north                  |
| LOGGER T                                   | YPE        | Tic       | dbit   | LOGGER                  | SERIAL | #       | 20030829                          |       | UTM                 | 595     | 5569       | 6230541                |
| DOWNLOA                                    | D DATE     | 3         | Jan  | 2018 <b>DO</b>          | WNLOA  | DTIME   | 14:13                             | 3     | CREW                |         | ВС         | TE                     |
| TEST RECO                                  | ORDER 1    | YPE       | merc   | WATE                    | RTEMP  | 0.9     | <b>AIR TEMP</b>                   | 2     | ICE CON             | DITIONS |            | none                   |
|  |            |           |  |                         | L      | OGGER C | ONDITIONS                         |       |                     |         |            |                        |
| WATER D                                    | EPTH       | 150       |  | LODGED                  | no     |         | REASON                            |       |                     |         |            |                        |
| BURIED                                     | no         | F         | UNCTIONA   | L wet                   |        | •       | HEIGHT ABOVE                      | WATER | C                   | m TETHE | RTYPE      | spruce                 |
|  |            |           |  |                         |        | COM     | WIEWIS                            |       |                     |         |            |                        |
| dow nload C<br>cable OK<br>RPL# 33         | DK .       |           |  |                         |        |         |                                   |       |                     |         |            |                        |
| SITEID                                     |            | halfUP1   | LOCATI   | ON                      |        | u/s of  | Halfway River                     |       | BANK                | so      | outh       |                        |
| LOGGER T                                   |            |           | dbit   | LOGGER                  |        | #       | 20097151                          |       | UTM                 | 595     | 5165       | 6230094                |
| DOWNLOA                                    |            |           |  | 2018 <b>DO</b>          |        |         | 14:22                             |       | CREW                | DITIONS | ВС         |                        |
| TEST RECO                                  | JKUEK I    | TPE       | merc   | WAIH                    | RTEMP  | 0.9     | AIR TEMP<br>CONDITIONS            | 2     | ICE CON             | DITIONS |            | none                   |
| WATER D                                    | EPTH       | 200       | cm DIS   | LODGED                  | no     |         | REASON                            |       |                     |         |            |                        |
| BURIED                                     | no         | F         | UNCTIONA   |                         |        | IF DRY, | HEIGHT ABOVE                      | WATER | C                   | m TETHE | RTYPE      | spruce tree            |
|  |            |           |  |                         |        | COM     | MENTS                             |       |                     |         |            |                        |
| SITE ID<br>LOGGER TO                       | YPE        |           | LOCATION District Lands and Location Lo | ON<br>LOGGER<br>2018 DO |        | #       | Halfway River<br>10669748<br>14:4 | 1     | BANK<br>UTM<br>CREW | 598     | 3198<br>BC | north<br>6232169<br>TE |
| TEST RECO                                  | ORDER 1    | YPE       | merc   | WATE                    | RTEMP  | 0.7     | <b>AIR TEMP</b>                   | 2     | ICE CON             | DITIONS |            | none                   |
| MALE TER D                                 | -DTII      | 450       | PIG  | LODOFD                  |        |         | ONDITIONS                         |       |                     |         |            |                        |
| WATER D                                    | HPIH<br>no | 150       | cm DIS   | L w et                  | no     |         | REASON<br>HEIGHT ABOVE            | WATER |                     | m TETHE | R TVPE     | balsam pop             |
| BOINED                                     | 110        |           | ONCTIONA   | wet                     |        |         | MENTS                             | WAILK | C                   |         | KIIIL      | balsam pop             |
|  |            |           |  |                         |        |         |                                   |       |                     |         |            |                        |
| dow nload C<br>stainless st<br>Rpl #15     |            | e OK      |  |                         |        |         |                                   |       |                     |         |            |                        |
| SITEID                                     | ha         | alfDN2 BL | LOCATI   | ON                      |        | d/s of  | Halfw ay River                    |       | BANK                |         |            | north                  |
| LOGGER T                                   |            |           | dbit   | LOGGER                  | SERIAL |         | 10156314                          |       | UTM                 | 598     | 3179       | 6263144                |
| DOWNLOA                                    |            |           |  | 2018 <b>DO</b>          |        |         | 14:38                             |       | CREW                |         | ВС         |                        |
| TEST RECO                                  | ORDER 1    | YPE       | merc   | WATE                    | RTEMP  | 0.7     | AIR TEMP                          | 2     | ICE CON             | DITIONS |            | none                   |
| WATER D                                    | EPTH       | 150       | cm DIS   | LODGED                  | no     |         | REASON                            |       |                     |         |            |                        |
| BURIED                                     | no         |           | UNCTIONA   |                         | .=     |         | HEIGHT ABOVE                      | WATER | C                   | m TETHE | RTYPE      | balsam pop             |
|  |            |           |  |                         |        | COM     | MENTS                             |       |                     |         |            |                        |
| ogger label<br>stainless st<br>dow nload C | eel cabl   |           |  |                         |        |         |                                   |       |                     |         |            |                        |
|  |            |           |  |                         |        |         |                                   |       |                     |         |            |                        |
|  |            |           |  |                         |        |         |                                   |       |                     |         |            |                        |

| SITEID  |  |  |   |  | NITORING - DO   | OWNL       | UAD INI                         | URIVIA                                  |  | CIZIVI                          |
|---|--|--|---|--|---|------------|---------------------------------|---|--|---------------------------------|
|   | mobUP2   | LOCATIO  |   |  | Moberly River   |            | BANK                            |   |  | north                           |
| LOGGER TYPE   | Tio  |  | OGGER SERI  |  | 10669754  |            | UTM                             | 627                                     | '501                                     | 6232563                         |
| DOWNLOAD DAT  | <b>E</b> 4   | Jan 2  | 018 <b>DOWNL</b>  | OAD TIME   | 11:19   |            | CREW                            |   | ВС                                       |                                 |
| TEST RECORDER   | TYPE   | merc   | WATERTE   | <b>MP</b> 0.5  | <b>AIR TEMP</b>   | -5.0       | ICE CONI                        | DITIONS                                 |  | none                            |
|   |  |  |   | LOGGER C   | ONDITIONS   |            |                                 |   |  |                                 |
| WATER DEPTH   | 200  | cm <b>DISL</b>   | <b>ODGED</b> no   | o <b>F</b>   | REASON  |            |                                 |   |  |                                 |
| BURIED  | yes <b>F</b>   | UNCTIONAL  | w et  | IF DRY,  | HEIGHT ABOVE W  | VATER      | CI                              | n TETHE                                 | RTYPE                                    | spruce                          |
|   |  |  |   | COM  | MENTS   |            |                                 |   |  |                                 |
| RPL#16<br>dow nload OK  |  |  |   |  |   |            |                                 |   |  |                                 |
| SITEID  | mobUP1   | LOCATIO  | N   | u/s of   | Moberly River   |            | BANK                            | SO.                                     | uth                                      |                                 |
| LOGGER TYPE   |  |  | OGGER SERI  |  | 10887852  |            | UTM                             |   | 158                                      | 6232349                         |
| DOWNLOAD DAT  | <b>E</b> 4   |  | 018 <b>DOWNL</b>  | OAD TIME   | 11:27   |            | CREW                            |   | ВС                                       |                                 |
| TEST RECORDER   | TYPE   | merc   | WATER TEN   |  |   | -5.0       | ICE CON                         | DITIONS                                 |  | none                            |
| WATER DEPTH   | 180  | cm DISL  | <b>ODGED</b> no   |  | ONDITIONS<br>REASON   |            |                                 |   |  |                                 |
| BURIED no   |  | CM DISL  |   |  | REASON<br>HEIGHT ABOVE W  | VATER      | 01                              | n TETHE                                 | RTYPF                                    | alder                           |
| 110   |  | SIGNISITAL   | 01  |  | MENTS   | ., . , 🛶 . | CI                              | ,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |  | aiuti                           |
|   |  |  |   |  |   |            |                                 |   |  |                                 |
|   |  | J LOCATIO  |   |  | Moberly River   |            | BANK                            |   | uth                                      | 6220275                         |
| SITE ID n   | Tio  | dbit L   | N<br>OGGER SER  | IAL#   | Moberly River<br>10676147<br>11:46  |            | BANK<br>UTM<br>CREW             |   | uth<br>0875<br>BC                        | 6229275<br>TE                   |
| OGGER TYPE  | Tio  | dbit L   | OGGER SERI  | IAL #<br>.OAD TIME   | 10676147<br>11:46   | -5.0       | UTM                             | 630                                     | 875                                      |                                 |
| LOGGER TYPE<br>DOWNLOAD DAT<br>FEST RECORDER  | E 4 TYPE   | dbit L<br>Jan 2<br>merc  | OGGER SERI<br>018 DOWNL<br>WATER TEM  | OAD TIME MP 0.6 LOGGER C   | 10676147<br>11:46<br>AIR TEMP<br>ONDITIONS  | -5.0       | UTM<br>CREW                     | 630                                     | 875                                      | TE                              |
| LOGGER TYPE<br>DOWNLOAD DAT<br>FEST RECORDER<br>WATER DEPTH   | Tid<br>E 4<br>TYPE   | dbit L Jan 2 merc cm DISL  | OGGER SERIOTE DOWNL WATER TEN   | IAL # OAD TIME MP 0.6 LOGGER C   | 10676147<br>11:46<br>AIR TEMP<br>ONDITIONS<br>REASON  |            | UTM<br>CREW<br>ICE CONI         | 630<br>DITIONS                          | 0875<br>BC                               | TE<br>none                      |
| OGGER TYPE<br>DOWNLOAD DAT<br>FEST RECORDER   | Tid<br>E 4<br>TYPE   | dbit L<br>Jan 2<br>merc  | OGGER SERIOTE DOWNL WATER TEN   | IAL # OAD TIME MP 0.6 LOGGER C O F   | 10676147<br>11:46<br>AIR TEMP<br>ONDITIONS<br>REASON<br>HEIGHT ABOVE V  |            | UTM<br>CREW<br>ICE CONI         | 630                                     | 0875<br>BC                               | TE                              |
| LOGGER TYPE DOWNLOAD DAT TEST RECORDER WATER DEPTH BURIED no  | Tid<br>E 4<br>TYPE   | dbit L Jan 2 merc cm DISL  | OGGER SERIOTE DOWNL WATER TEN   | IAL # OAD TIME MP 0.6 LOGGER C O F   | 10676147<br>11:46<br>AIR TEMP<br>ONDITIONS<br>REASON  |            | UTM<br>CREW<br>ICE CONI         | 630<br>DITIONS                          | 0875<br>BC                               | TE<br>none                      |
| DOWNLOAD DAT TEST RECORDER WATER DEPTH BURIED no download OK RPL#18   | Tic 4 TYPE  150  | dbit L Jan 2 merc cm DISL  | OGGER SERIOTE DOWNL WATER TEN   | IAL # OAD TIME MP 0.6 LOGGER C O F   | 10676147<br>11:46<br>AIR TEMP<br>ONDITIONS<br>REASON<br>HEIGHT ABOVE V  |            | UTM<br>CREW<br>ICE CONI         | 630<br>DITIONS                          | 0875<br>BC                               | TE<br>none                      |
| OGGER TYPE DOWNLOAD DAT FEST RECORDER WATER DEPTH BURIED no download OK RPL#18  | Tic 4 TYPE  150  I mobDN1  | dbit L Jan 2 merc cm DISL FUNCTIONAL                                   | OGGER SERI 018 DOWNL WATER TEN ODGED no wet   | IAL # OAD TIME MP 0.6 LOGGER C O F OF THE DRY, I   | 10676147 11:46 AIR TEMP ONDITIONS REASON HEIGHT ABOVE WILLIAM MENTS   |            | CREW ICE CONI                   | 630 DITIONS  TETHE                      | BC BC R TYPE                             | TE none alder                   |
| OGGER TYPE DOWNLOAD DAT TEST RECORDER WATER DEPTH BURIED no download OK RPL#18  | Tic 4 TYPE  150  I mobDN1  Tic   | LOCATIO  | OGGER SERI  OTHER  ODGED  OUT  Wet  N  OGGER SERI   | IAL # OAD TIME MP 0.6 LOGGER C O F OF THE DRY, I COMM  | 10676147 11:46 AIR TEMP ONDITIONS REASON HEIGHT ABOVE WILLIAM MODERLY River 10676146  |            | CREW ICE CONI                   | 630 DITIONS  TETHE                      | BC BC R TYPE                             | TE none alder                   |
| OGGER TYPE DOWNLOAD DAT TEST RECORDER WATER DEPTH BURIED no download OK RPL#18  SITE ID OGGER TYPE DOWNLOAD DAT   | Tic 4  TYPE  150  Important the state of the | LOCATIO  | OGGER SERI 018 DOWNL WATER TEN ODGED no wet   | IAL # OAD TIME MP 0.6 LOGGER C O F OF THE DRY, I COMIN   | 10676147 11:46 AIR TEMP ONDITIONS REASON HEIGHT ABOVE WIENTS  Moberly River 10676146 11:38  |            | DANK UTM CREW                   | 630 DITIONS  n TETHE                    | BC BC R TYPE                             | TE none alder                   |
| OGGER TYPE DOWNLOAD DAT TEST RECORDER WATER DEPTH BURIED no download OK RPL#18  SITE ID OGGER TYPE DOWNLOAD DAT   | Tic 4  TYPE  150  Important the state of the | LOCATIO  LOCATIO  Jan 2   CM DISL  FUNCTIONAL                          | OGGER SERI  OTHER TEN  ODGED INC  Wet  N  OGGER SERI  OGGER SERI  OTHER TEN  ODGED INC  OGGER SERI  OTHER TEN  OTHER TEN | COMING A CONTINUE OF THE COMING A COMIN | 10676147 11:46 AIR TEMP ONDITIONS REASON HEIGHT ABOVE WIENTS  Moberly River 10676146 11:38  | WATER      | CREW ICE CONI                   | 630 DITIONS  n TETHE                    | BC BC R TYPE                             | TE none alder 6229287           |
| OGGER TYPE DOWNLOAD DAT TEST RECORDER WATER DEPTH BURIED no download OK RPL#18  SITE ID LOGGER TYPE DOWNLOAD DAT TEST RECORDER WATER DEPTH                      | Tic 4 TYPE  150  150  I Tic E 4 TYPE  100  | LOCATIO dbit L Jan 2 merc  cm DISL  LOCATIO dbit L Jan 2 merc  cm DISL | OGGER SERI 018 DOWNL WATER TEN  ODGED no wet  N OGGER SERI 018 DOWNL WATER TEN  | DAD TIME MP 0.6  LOGGER C O F IF DRY, COMM  d/s of IAL # .OAD TIME MP 0.6  LOGGER C O F  | Moberly River 10676146  AIR TEMP ONDITIONS REASON HEIGHT ABOVE W MENTS  MODERLY RIVER 10676146 11:38 AIR TEMP ONDITIONS REASON                | -5.0       | BANK<br>UTM<br>CREW<br>ICE CONI | SO G30                                  | BC B | TE none  alder  6229287 TE none |
| OGGER TYPE DOWNLOAD DAT TEST RECORDER WATER DEPTH BURIED no download OK RPL#18  SITE ID LOGGER TYPE DOWNLOAD DAT TEST RECORDER                                  | Tic 4 TYPE  150  150  I Tic E 4 TYPE  100  | LOCATIO  LOCATIO  LOCATIO  Jan 2  merc                                 | OGGER SERI 018 DOWNL WATER TEN  ODGED no wet  N OGGER SERI 018 DOWNL WATER TEN  | d/s of IAL #  OAD TIME MP 0.6  LOGGER C O F  IF DRY,  COMM  d/s of IAL #  OAD TIME MP 0.6  LOGGER C O F  IF DRY,  IF DRY,  IF DRY,   | Moberly River 10676146  AIR TEMP ONDITIONS REASON HEIGHT ABOVE W MENTS  MODERLY RIVER 10676146 11:38 AIR TEMP ONDITIONS REASON HEIGHT ABOVE W | -5.0       | BANK<br>UTM<br>CREW<br>ICE CONI | 630 DITIONS  n TETHE                    | BC B | TE none alder 6229287           |
| OGGER TYPE DOWNLOAD DAT TEST RECORDER  WATER DEPTH BURIED no  STEEL  OGGER TYPE DOWNLOAD DAT TEST RECORDER  WATER DEPTH BURIED no  download OK                  | Tic 4 TYPE  150  150  I Tic E 4 TYPE  100  | LOCATIO dbit L Jan 2 merc  cm DISL  LOCATIO dbit L Jan 2 merc  cm DISL | OGGER SERI 018 DOWNL WATER TEN  ODGED no wet  N OGGER SERI 018 DOWNL WATER TEN  | d/s of IAL #  OAD TIME MP 0.6  LOGGER C O F  IF DRY,  COMM  d/s of IAL #  OAD TIME MP 0.6  LOGGER C O F  IF DRY,  IF DRY,  IF DRY,   | Moberly River 10676146  AIR TEMP ONDITIONS REASON HEIGHT ABOVE W MENTS  MODERLY RIVER 10676146 11:38 AIR TEMP ONDITIONS REASON                | -5.0       | BANK<br>UTM<br>CREW<br>ICE CONI | SO G30                                  | BC B | TE none alder 6229287 TE none   |
| OGGER TYPE DOWNLOAD DAT TEST RECORDER WATER DEPTH BURIED no  download OK RPL#18  SITE ID OGGER TYPE DOWNLOAD DAT TEST RECORDER WATER DEPTH                      | Tic 4 TYPE  150  150  I Tic E 4 TYPE  100  | LOCATIO dbit L Jan 2 merc  cm DISL  LOCATIO dbit L Jan 2 merc  cm DISL | OGGER SERI 018 DOWNL WATER TEN  ODGED no wet  N OGGER SERI 018 DOWNL WATER TEN  | d/s of IAL #  OAD TIME MP 0.6  LOGGER C O F  IF DRY,  COMM  d/s of IAL #  OAD TIME MP 0.6  LOGGER C O F  IF DRY,  IF DRY,  IF DRY,   | Moberly River 10676146  AIR TEMP ONDITIONS REASON HEIGHT ABOVE W MENTS  MODERLY RIVER 10676146 11:38 AIR TEMP ONDITIONS REASON HEIGHT ABOVE W | -5.0       | BANK<br>UTM<br>CREW<br>ICE CONI | SO G30                                  | BC B | TE none alder 6229287 TE none   |
| OGGER TYPE DOWNLOAD DAT TEST RECORDER  WATER DEPTH BURIED no  SITE ID OGGER TYPE DOWNLOAD DAT TEST RECORDER  WATER DEPTH BURIED no                              | Tic 4 TYPE  150  150  I Tic E 4 TYPE  100  | LOCATIO dbit L Jan 2 merc  cm DISL  LOCATIO dbit L Jan 2 merc  cm DISL | OGGER SERI 018 DOWNL WATER TEN  ODGED no wet  N OGGER SERI 018 DOWNL WATER TEN  | d/s of IAL #  OAD TIME MP 0.6  LOGGER C O F  IF DRY,  COMM  d/s of IAL #  OAD TIME MP 0.6  LOGGER C O F  IF DRY,  IF DRY,  IF DRY,   | Moberly River 10676146  AIR TEMP ONDITIONS REASON HEIGHT ABOVE W MENTS  MODERLY RIVER 10676146 11:38 AIR TEMP ONDITIONS REASON HEIGHT ABOVE W | -5.0       | BANK<br>UTM<br>CREW<br>ICE CONI | SO G30                                  | BC B | TE none alder 6229287 TE none   |
| OGGER TYPE OWNILOAD DAT EST RECORDER  WATER DEPTH BURIED no  OWNIOAD OK RPL#18  SITE ID OGGER TYPE OWNILOAD DAT EST RECORDER  WATER DEPTH BURIED no  OWNIOAD OK | Tic 4 TYPE  150  150  I Tic E 4 TYPE  100  | LOCATIO dbit L Jan 2 merc  cm DISL  LOCATIO dbit L Jan 2 merc  cm DISL | OGGER SERI 018 DOWNL WATER TEN  ODGED no wet  N OGGER SERI 018 DOWNL WATER TEN  | d/s of IAL #  OAD TIME MP 0.6  LOGGER C O F  IF DRY,  COMM  d/s of IAL #  OAD TIME MP 0.6  LOGGER C O F  IF DRY,  IF DRY,  IF DRY,   | Moberly River 10676146  AIR TEMP ONDITIONS REASON HEIGHT ABOVE W MENTS  MODERLY RIVER 10676146 11:38 AIR TEMP ONDITIONS REASON HEIGHT ABOVE W | -5.0       | BANK<br>UTM<br>CREW<br>ICE CONI | SO G30                                  | BC B | TE none alder 6229287 TE none   |

| SITE ID pine UP2 LOCATION U/s of Pine River BANK  | FORM                                  |
|---|---------------------------------------|
| SITE ID pineUP2 LOCATION u/s of Pine River BANK   | north                                 |
| LOGGER TYPE Tidbit LOGGER SERIAL # 10635062 UTM 641653  | 6225304                               |
| DOWNLOAD DATE4Jan2018DOWNLOAD TIME12:17CREW   | C TE                                  |
| TEST RECORDER TYPE YSI WATER TEMP 0.5 AIR TEMP -5.0 ICE CONDITIONS  | none                                  |
| LOGGER CONDITIONS   |                                       |
| WATER DEPTH 200 cm DISLODGED no REASON  |                                       |
| BURIED no FUNCTIONAL wet IF DRY, HEIGHT ABOVE WATER cm TETHER TYP   | E balsam pop                          |
| COMMENTS  | Баізаптрор                            |
|   |                                       |
| dow nload failed  |                                       |
| logger "RPL#6" replaced w ith logger "halfUP1R" (SN 9767573).   |                                       |
| Stainless steel cable OK  |                                       |
|   |                                       |
|   |                                       |
|   |                                       |
|   |                                       |
| SITE ID pine UP1 LOCATION u/s of Pine River BANK south  |                                       |
| LOGGER TYPE Tidbit LOGGER SERIAL # 10669747 UTM 641034  | 6225372                               |
|   | C TE                                  |
| TEST RECORDER TYPE merc WATER TEMP 0.5 AIR TEMP -5.0 ICE CONDITIONS   | none                                  |
| LOGGER CONDITIONS  WATER DEPTH 150 cm DISLODGED no REASON   |                                       |
| WATER DEPTH 150 cm DISLODGED no REASON  BURIED no FUNCTIONAL wet IF DRY, HEIGHT ABOVE WATER cm TETHER TYP   | E alder                               |
| COMMENTS  | aluei                                 |
| - Comments  |                                       |
| dow nload OK  |                                       |
| Stainless steel cable OK  |                                       |
| RPL# 14   |                                       |
|   |                                       |
|   |                                       |
|   |                                       |
|   |                                       |
|   |                                       |
| SITE ID pine DN1_BU LOCATION d/s of Pine River BANK south   |                                       |
| SITE ID         pineDN1_BU         LOCATION         d/s of Pine River         BANK         south           LOGGER TYPE         Tidbit         LOGGER SERIAL #         10893055         UTM         648362   | 6222823                               |
| LOGGER TYPE Tidbit LOGGER SERIAL # 10893055 UTM 648362  | 6222823<br>C TE                       |
| LOGGER TYPE Tidbit LOGGER SERIAL # 10893055 UTM 648362  |                                       |
| LOGGER TYPE         Tidbit         LOGGER SERIAL #         10893055         UTM         648362           DOWNLOAD DATE         4         Jan         2018         DOWNLOAD TIME         12:41         CREW         E           TEST RECORDER TYPE         merc         WATER TEMP         0.3         AIR TEMP         -5.0         ICE CONDITIONS           LOGGER CONDITIONS  | C TE                                  |
| LOGGER TYPE         Tidbit         LOGGER SERIAL #         10893055         UTM         648362           DOWNLOAD DATE         4         Jan         2018         DOWNLOAD TIME         12:41         CREW         E           TEST RECORDER TYPE         merc         WATER TEMP         0.3         AIR TEMP         -5.0         ICE CONDITIONS           LOGGER CONDITIONS           WATER DEPTH         100         cm         DISLODGED         no         REASON   | C TE<br>none                          |
| LOGGER TYPE         Tidbit         LOGGER SERIAL #         10893055         UTM         648362           DOWNLOAD DATE         4         Jan         2018         DOWNLOAD TIME         12:41         CREW         E           TEST RECORDER TYPE         merc         WATER TEMP         0.3         AIR TEMP         -5.0         ICE CONDITIONS           LOGGER CONDITIONS           WATER DEPTH         100         cm         DISLODGED         no         REASON         EMBLY           BURIED         no         FUNCTIONAL         wet         IF DRY, HEIGHT ABOVE WATER         cm         TETHER TYPE  | C TE<br>none                          |
| LOGGER TYPE         Tidbit         LOGGER SERIAL #         10893055         UTM         648362           DOWNLOAD DATE         4         Jan         2018         DOWNLOAD TIME         12:41         CREW         E           TEST RECORDER TYPE         merc         WATER TEMP         0.3         AIR TEMP         -5.0         ICE CONDITIONS           LOGGER CONDITIONS           WATER DEPTH         100         cm         DISLODGED         no         REASON   | C TE<br>none                          |
| LOGGER TYPE         Tidbit         LOGGER SERIAL #         10893055         UTM         648362           DOWNLOAD DATE         4         Jan         2018         DOWNLOAD TIME         12:41         CREW         E           TEST RECORDER TYPE         merc         WATER TEMP         0.3         AIR TEMP         -5.0         ICE CONDITIONS           WATER DEPTH         100         cm         DISLODGED         no         REASON           BURIED         no         FUNCTIONAL         w et         IF DRY, HEIGHT ABOVE WATER         cm         TETHER TYP           COMMENTS   | C TE<br>none                          |
| LOGGER TYPE         Tidbit         LOGGER SERIAL #         10893055         UTM         648362           DOWNLOAD DATE         4         Jan         2018         DOWNLOAD TIME         12:41         CREW         E           TEST RECORDER TYPE         merc         WATER TEMP         0.3         AIR TEMP         -5.0         ICE CONDITIONS           WATER DEPTH         100         cm         DISLODGED         no         REASON           BURIED         no         FUNCTIONAL         wet         IF DRY, HEIGHT ABOVE WATER         cm         TETHER TYP           COMMENTS  | C TE<br>none                          |
| LOGGER TYPE         Tidbit         LOGGER SERIAL #         10893055         UTM         648362           DOWNLOAD DATE         4         Jan         2018         DOWNLOAD TIME         12:41         CREW         E           TEST RECORDER TYPE         merc         WATER TEMP         0.3         AIR TEMP         -5.0         ICE CONDITIONS           LOGGER CONDITIONS           WATER DEPTH         100         cm         DISLODGED         no         REASON         cm         TETHER TYP           COM MENTS           RPL# 25           dow nload OK  | C TE<br>none                          |
| LOGGER TYPE         Tidbit         LOGGER SERIAL #         10893055         UTM         648362           DOWNLOAD DATE         4         Jan         2018         DOWNLOAD TIME         12:41         CREW         E           TEST RECORDER TYPE         merc         WATER TEMP         0.3         AIR TEMP         -5.0         ICE CONDITIONS           LOGGER CONDITIONS           WATER DEPTH         100         cm         DISLODGED         no         REASON         cm         TETHER TYP           BURIED         no         FUNCTIONAL         wet         IF DRY, HEIGHT ABOVE WATER         cm         TETHER TYP           COMMENTS  | C TE<br>none                          |
| LOGGER TYPE         Tidbit         LOGGER SERIAL #         10893055         UTM         648362           DOWNLOAD DATE         4         Jan         2018         DOWNLOAD TIME         12:41         CREW         E           TEST RECORDER TYPE         merc         WATER TEMP         0.3         AIR TEMP         -5.0         ICE CONDITIONS           LOGGER CONDITIONS           WATER DEPTH         100         cm         DISLODGED         no         REASON         cm         TETHER TYP           COM MENTS           RPL# 25           dow nload OK  | C TE<br>none                          |
| LOGGER TYPE         Tidbit         LOGGER SERIAL #         10893055         UTM         648362           DOWNLOAD DATE         4         Jan         2018         DOWNLOAD TIME         12:41         CREW         E           TEST RECORDER TYPE         merc         WATER TEMP         0.3         AIR TEMP         -5.0         ICE CONDITIONS           LOGGER CONDITIONS           WATER DEPTH         100         cm         DISLODGED         no         REASON         cm         TETHER TYP           COM MENTS           RPL# 25           dow nload OK  | C TE<br>none                          |
| LOGGER TYPE         Tidbit         LOGGER SERIAL #         10893055         UTM         648362           DOWNLOAD DATE         4         Jan         2018         DOWNLOAD TIME         12:41         CREW         E           TEST RECORDER TYPE         merc         WATER TEMP         0.3         AIR TEMP         -5.0         ICE CONDITIONS           LOGGER CONDITIONS           WATER DEPTH         100         cm         DISLODGED         no         REASON         cm         TETHER TYP           COM MENTS           RPL# 25           dow nload OK  | C TE<br>none                          |
| LOGGER TYPE         Tidbit         LOGGER SERIAL #         10893055         UTM         648362           DOWNLOAD DATE         4         Jan         2018         DOWNLOAD TIME         12:41         CREW         E           TEST RECORDER TYPE         merc         WATER TEMP         0.3         AIR TEMP         -5.0         ICE CONDITIONS           LOGGER CONDITIONS           WATER DEPTH         100         cm         DISLODGED         no         REASON         cm         TETHER TYP           COM MENTS           RPL# 25           dow nload OK  | C TE<br>none                          |
| LOGGER TYPE Tidbit LOGGER SERIAL # 10893055 UTM 648362  DOWNLOAD DATE 4 Jan 2018 DOWNLOAD TIME 12:41 CREW E  TEST RECORDER TYPE MERC WATER TEMP 0.3 AIR TEMP -5.0 ICE CONDITIONS  LOGGER CONDITIONS  WATER DEPTH 100 cm DISLODGED no REASON BURIED no FUNCTIONAL Wet IF DRY, HEIGHT ABOVE WATER COM MENTS  RPL# 25 dow nload OK installed new stainless steel cable   | C TE<br>none                          |
| LOGGER TYPE Tidbit LOGGER SERIAL # 10893055 UTM 648362  DOWNLOAD DATE 4 Jan 2018 DOWNLOAD TIME 12:41 CREW E  TEST RECORDER TYPE merc WATER TEMP 0.3 AIR TEMP -5.0 ICE CONDITIONS  LOGGER CONDITIONS  WATER DEPTH 100 cm DISLODGED no REASON COM MENTS  RPL# 25  dow nload OK installed new stainless steel cable  SITE ID pineDN1 LOCATION d/s of Pine River BANK South LOGGER TYPE Tidbit LOGGER SERIAL # 2226322 UTM 648101   | C TE none  E alder                    |
| LOGGER TYPE Tidbit LOGGER SERIAL # 10893055 UTM 648362  DOWNLOAD DATE 4 Jan 2018 DOWNLOAD TIME 12:41 CREW E  TEST RECORDER TYPE merc WATER TEMP 0.3 AIR TEMP -5.0 ICE CONDITIONS  LOGGER CONDITIONS  WATER DEPTH 100 cm DISLODGED no REASON SURIED NO FUNCTIONAL Wet IF DRY, HEIGHT ABOVE WATER COM MENTS  RPL# 25 down nload OK installed new stainless steel cable  SITE ID pineDN1 LOCATION d/s of Pine River BANK South LOGGER TYPE Tidbit LOGGER SERIAL # 2226322 UTM 648101   | C TE none  E alder                    |
| LOGGER TYPE Tidbit LOGGER SERIAL # 10893055 UTM 648362  DOWNLOAD DATE 4 Jan 2018 DOWNLOAD TIME 12:41 CREW E  TEST RECORDER TYPE MERC WATER TEMP 0.3 AIR TEMP -5.0 ICE CONDITIONS  WATER DEPTH 100 cm DISLODGED no REASON BURIED no FUNCTIONAL Wet IF DRY, HEIGHT ABOVE WATER cm TETHER TYPE  COMMENTS  RPL# 25 download OK installed new stainless steel cable  SITE ID pineDN1 LOCATION  | C TE none  E alder  6222802 C TE      |
| LOGGER TYPE Tidbit LOGGER SERIAL # 10893055 UTM 648362  DOWNLOAD DATE 4 Jan 2018 DOWNLOAD TIME 12:41 CREW E  TEST RECORDER TYPE MERC WATER TEMP 0.3 AIR TEMP -5.0 ICE CONDITIONS  WATER DEPTH 100 cm DISLODGED no REASON  | C TE none  E alder  6222802 C TE none |
| LOGGER TYPE DOWNLOAD DATE 4 Jan 2018 DOWNLOAD TIME 12:41 CREW ETST RECORDER TYPE merc WATER TEMP 0.3 AIR TEMP -5.0 ICE CONDITIONS  WATER DEPTH 100 cm DISLODGED no REASON BURIED no FUNCTIONAL wet IF DRY, HEIGHT ABOVE WATER cm TETHER TYPE  COMMENTS  SITE ID pineDN1 LOCATION d/s of Pine River BANK South CASCALL STREED CREW ETST RECORDER TYPE TIGBIT ABOVE DOWNLOAD DATE 4 Jan 2018 DOWNLOAD TIME 12:32 CREW ETST RECORDER TYPE merc WATER TEMP 0.3 AIR TEMP -5.0 ICE CONDITIONS  LOGGER SERIAL # 2226322 UTM 648101  DOWNLOAD DATE 4 Jan 2018 DOWNLOAD TIME 12:32 CREW ETST RECORDER TYPE merc WATER TEMP 0.3 AIR TEMP -5.0 ICE CONDITIONS  WATER DEPTH 5 cm DISLODGED yes REASON ice debris BURIED no FUNCTIONAL wet IF DRY, HEIGHT ABOVE WATER cm TETHER TYPE  LOGGER CONDITIONS  WATER DEPTH 5 cm DISLODGED yes REASON ice debris cm TETHER TYPE  BURIED no FUNCTIONAL wet IF DRY, HEIGHT ABOVE WATER cm TETHER TYPE                   | C TE none  E alder  6222802 C TE none |
| LOGGER TYPE Tidbit LOGGER SERIAL # 10893055 UTM 648362  DOWNLOAD DATE 4 Jan 2018 DOWNLOAD TIME 12:41 CREW E  TEST RECORDER TYPE MERC WATER TEMP 0.3 AIR TEMP -5.0 ICE CONDITIONS  WATER DEPTH 100 cm DISLODGED no REASON  | C TE none  E alder  6222802 C TE none |
| LOGGER TYPE Tidbit LOGGER SERIAL # 10893055 UTM 648362  DOWNLOAD DATE 4 Jan 2018 DOWNLOAD TIME 12:41 CREW E  TEST RECORDER TYPE MERC WATER TEMP 0.3 AIR TEMP -5.0 ICE CONDITIONS  LOGGER CONDITIONS  WATER DEPTH 100 cm DISLODGED no REASON BURIED no FUNCTIONAL wet IF DRY, HEIGHT ABOVE WATER cm TETHER TYPE  COMMENTS  SITE ID pineDN1 LOCATION d/s of Pine River BANK south 1.00 cm DISLODGED STRIAL # 2226322 UTM 648101  DOWNLOAD DATE 4 Jan 2018 DOWNLOAD TIME 12:32 CREW E  TEST RECORDER TYPE MERC WATER TEMP 0.3 AIR TEMP -5.0 ICE CONDITIONS  LOGGER CONDITIONS  WATER DEPTH 5 cm DISLODGED yes REASON ice debris BURIED no FUNCTIONAL wet IF DRY, HEIGHT ABOVE WATER cm TETHER TYPE COMMENTS  | C TE none  E alder  6222802 C TE none |
| LOGGER TYPE Tidbit LOGGER SERIAL # 10893055 UTM 648362  DOWNLOAD DATE 4 Jan 2018 DOWNLOAD TIME 12:41 CREW E  TEST RECORDER TYPE MET WATER TEMP 0.3 AIR TEMP -5.0 ICE CONDITIONS  WATER DEPTH 100 cm DISLODGED no REASON BURIED no FUNCTIONAL wet IF DRY, HEIGHT ABOVE WATER cm TETHER TYPE  COMMENTS  SITE ID pineDN1 LOCATION d/s of Pine River BANK south installed new stainless steel cable  SITE ID pineDN1 LOCATION d/s of Pine River BANK south 648101  DOWNLOAD DATE 4 Jan 2018 DOWNLOAD TIME 12:32 CREW E  TEST RECORDER TYPE MET WATER TEMP 0.3 AIR TEMP -5.0 ICE CONDITIONS  WATER DEPTH 5 cm DISLODGED yes REASON ice debris  BURIED no FUNCTIONAL wet IF DRY, HEIGHT ABOVE WATER cm TETHER TYPE  COMMENTS  COMMENTS  TETHER TYPE  TEST RECORDER TYPE MET WATER TEMP 0.3 AIR TEMP -5.0 ICE CONDITIONS  WATER DEPTH 5 cm DISLODGED yes REASON ice debris  BURIED no FUNCTIONAL wet IF DRY, HEIGHT ABOVE WATER cm TETHER TYPE  COMMENTS | C TE none  E alder  6222802 C TE none |
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**Appendix V.** Summary of temperature logger deployment dates and anticipated replacement dates.

| Site ID   | Serial # | Location                             | Date Deployed | Replace Date |
|-----------|----------|--------------------------------------|---------------|--------------|
| gmsUP1    | 10676155 | WAC Bennett Forebay                  | Jan 2016      | 2022         |
| gmsUP2    | 10676180 | WAC Bennett Forebay                  | Jan 2016      | 2022         |
| gmsDN1    | 10635063 | GMS Tailrace                         | Jan 2015      | 2021         |
| gmsDN1BU  | 2038613  | GMS Tailrace                         | Nov 2009      | 2015         |
| gmsDN2    | 10669739 | GMS Tailrace                         | Apr 2015      | 2021         |
| gmsDN2BU  | 2038614  | GMS Tailrace                         | Nov 2009      | 2015         |
| pcnUP1    | 10635067 | Peace Canyon Forebay                 | Apr 2015      | 2021         |
| pcnDN2    | 10156317 | Peace Canyon Tailrace                | July 2014     | 2020         |
| pcnDN2BU  | 10635061 | Peace Canyon Tailrace                | Apr 2015      | 2021         |
| HalfUP1   | 20097151 | Halfway Confluence - upstream        | Oct 2017      | 2023         |
| HalfUP2   | 20030829 | Halfway Confluence - upstream        | Oct 2017      | 2023         |
| HalfDN2   | 10669748 | Halfway Confluence - downstream      | Apr 2015      | 2021         |
| HalfDN2BU | 10156314 | Halfway Confluence - downstream      | Jul 2013      | 2018         |
| MobUP1    | 10887852 | Moberly Confluence - upstream        | Oct 2015      | 2021         |
| MobUP2    | 10669754 | Moberly Confluence - upstream        | July 2016     | 2022         |
| MobDN1    | 10676146 | Moberly Confluence - downstream      | Jan 2016      | 2021         |
| MobDN1BU  | 10676147 | Moberly Confluence - downstream      | Jan 2016      | 2021         |
| PineUP1   | 10669747 | Pine Confluence - upstream           | Apr 2015      | 2021         |
| PineUP2   | 9767573  | Pine Confluence - upstream           | May 2011      | 2017         |
| PineDN1   | 10156319 | Pine Confluence - downstream         | May 2014      | 2022         |
| PineDN1BU | 10893055 | Pine Confluence - downstream         | Jan 2017      | 2023         |
| PineMS1   | 10893069 | Pine Mainstem - upstream of Peace    | Jul 2016      | 2022         |
| PineMS2   | 10887856 | Pine Mainstem - upstream of Peace    | Apr 2016      | 2022         |
| BeatMS1   | 10930722 | Beatton Mainstem - upstream of Peace | Oct 2016      | 2022         |
| BeatMS2   | 10930793 | Beatton Mainstem - upstream of Peace | Nov 2016      | 2022         |
| PouceUP1  | 10893059 | Pouce Coupe confluence - upstream    | Apr 2016      | 2022         |
| PouceUP2  | 10893068 | Pouce Coupe confluence - upstream    | Apr 2016      | 2022         |