

## Appendix D. Photo documentation of aerial and underwater radiotelemetry antenna deployments at FCRPS dams: McNary to Lower Granite

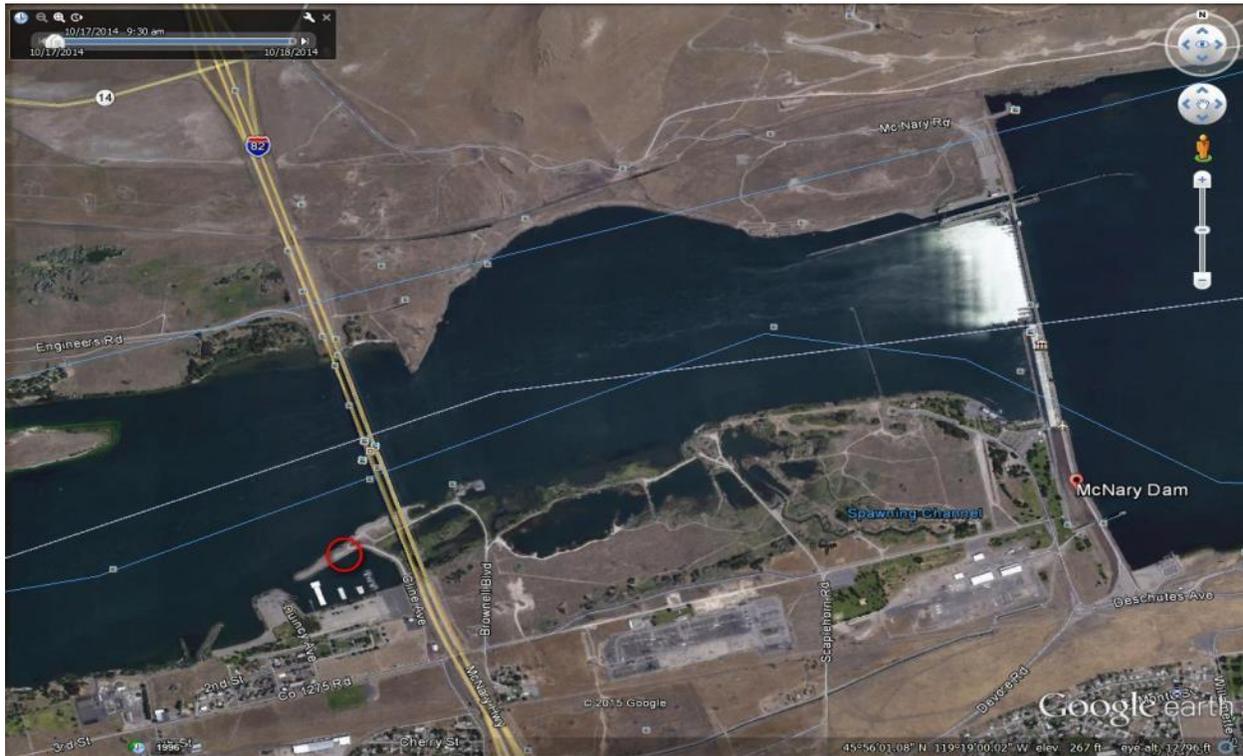
This Appendix includes photos and site metadata for locations of aerial antennas that were used to monitor radio-tagged adult salmon and steelhead at McNary, Ice Harbor, Lower Monumental, Little Goose, and Lower Granite dams in 2013-2014. Many of the sites were also deployed in previous years, but not all sites were deployed in all years. Please see the database:

**Receiver\_Deployments\_1996-2014** for annual details. **Appendix A** provides generalized maps of aerial and underwater antenna locations at main stem dams for all years.

Table E1. Summary of receivers described in this Appendix that were deployed at McNary, Ice Harbor, Lower Monumental, Little Goose, and Lower Granite dams.

Receiver location	Receiver code
McNary Dam	1MN 2MN 3MN 8MN BMN CMN DMN EMN FMN
Ice Harbor Dam	1IH 2IH 9IH AIH BIH CIH DIH EIH MIH
L. Monumental Dam	1LM 2LM 8LM 9 LM ALM BLM CLM TLM
Little Goose Dam	1GO 2GO 7GO AGO BGO CGO FGO MGO TGO
Lower Granite Dam	1GR 2GR 7GR 8GR 9GR BGR DGR FGR MGR TGR

## 1MN: Oregon shore tailrace



**LAT/LON:** 45.633000° N  
-121.960631° W

**RKM:** 467.3

**Receiver type:** SRX

**Antennas (1):** A1 - yagi

**Distance from receiver to antenna:** 20 feet

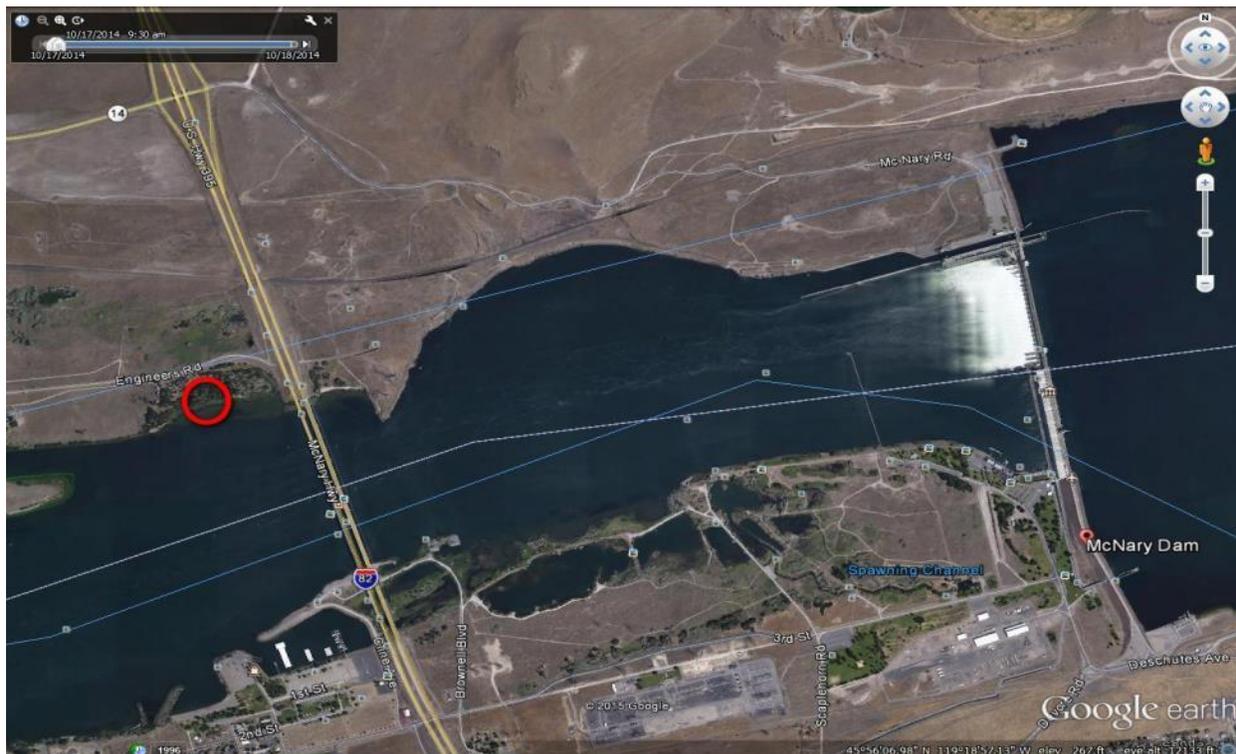
**Power source:** Hard wired (AC)

**Notes:**

Receiver located inside a small shed on the Oregon shore just south of I-82. Antenna mounted on pole on outside of building.



## 2MN: Washington shore tailrace



**LAT/LON:** 45.633594° N  
-121.965760° W

**RKM:** 467.3

**Receiver type:** SRX

**Antennas (1):** A1 - yagi

**Distance from receiver to antenna:** 10 feet

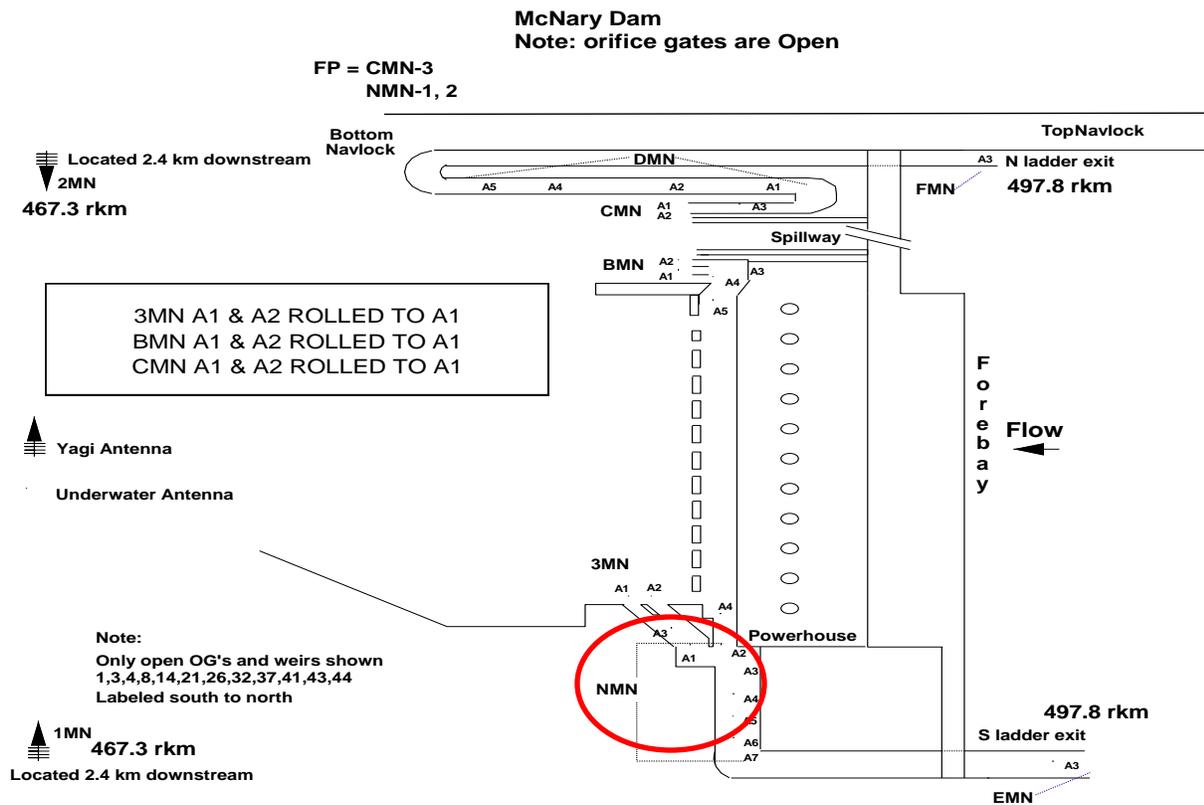
**Power source:** Solar

**Notes:**

Receiver located down a trail from Engineers Rd. Access via the town of Plymouth WA. Off Hwy 14.



### 3MN: Washington shore south powerhouse entrance.



<b>RKM:</b>	469.8
<b>Receiver type:</b>	SRX/DSP
<b>Antennas (4):</b>	A1: Outside entrance. A2: Outside entrance. Rolled together with A1 or just t'd together. A3: Inside entrance. A4: Inside. South end of collection channel.
<b>Distance from receiver to antenna:</b>	A1: 30 feet A2: 30 feet A3: 60 feet A4: 60 feet
<b>Power source:</b>	Hard wired (AC)
<b>Notes:</b>	

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3MN antenna 1 location



3MN antenna 2 location



3MN antenna 4 location

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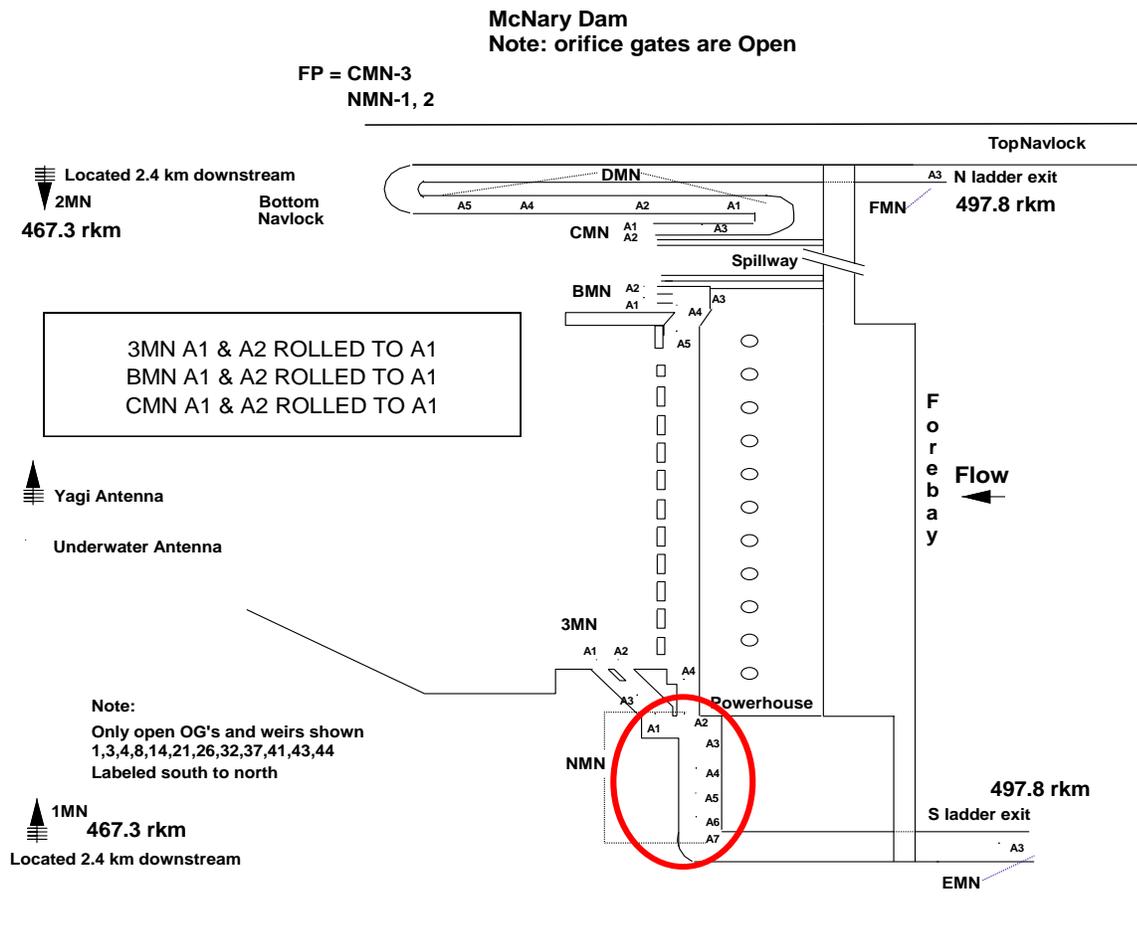


3MN antenna 4 location



3MN receiver receiver box location

## NMN: Washington shore transition pool.



<b>RKM:</b>	469.8
<b>Receiver type:</b>	SRX/DSP
<b>Antennas (7):</b>	A1: Transition pool channel from entrance. A2: Transition pool channel from collection channel. A3: Bottom south ladder before weir 1 (elevation 249 ft.) A4: Mid south ladder (bottom section) A5: (261 ft. elevation) A6: (266 ft. elev.) A7: (280 ft. elev.)
<b>Distance from receiver to antenna:</b>	A1: 130 feet A2: 100 feet A3: 10 feet A4: 60 feet A5: 170 feet approx. Line amp needed A6: 290 feet approx. Line amp needed A7: 550 feet approx. Line amp needed
<b>Power source:</b>	Hard wired (AC) All wire runs were done on East side of ladder



NMN A1 and A2



NMN A3 and Receiver box

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NMN A4



NMN A5

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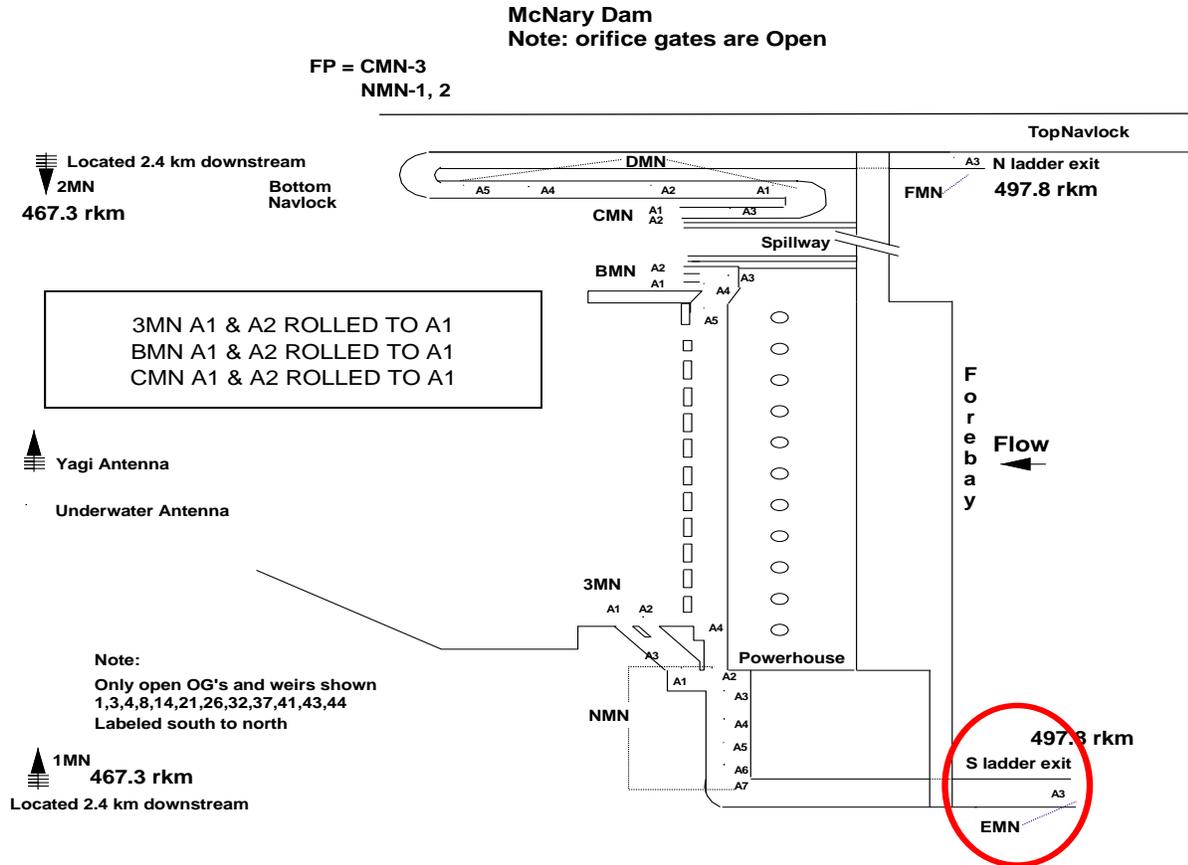


NMN A6



NMN A7

# EMN: Washington shore top of ladder



**RKM:** 469.8

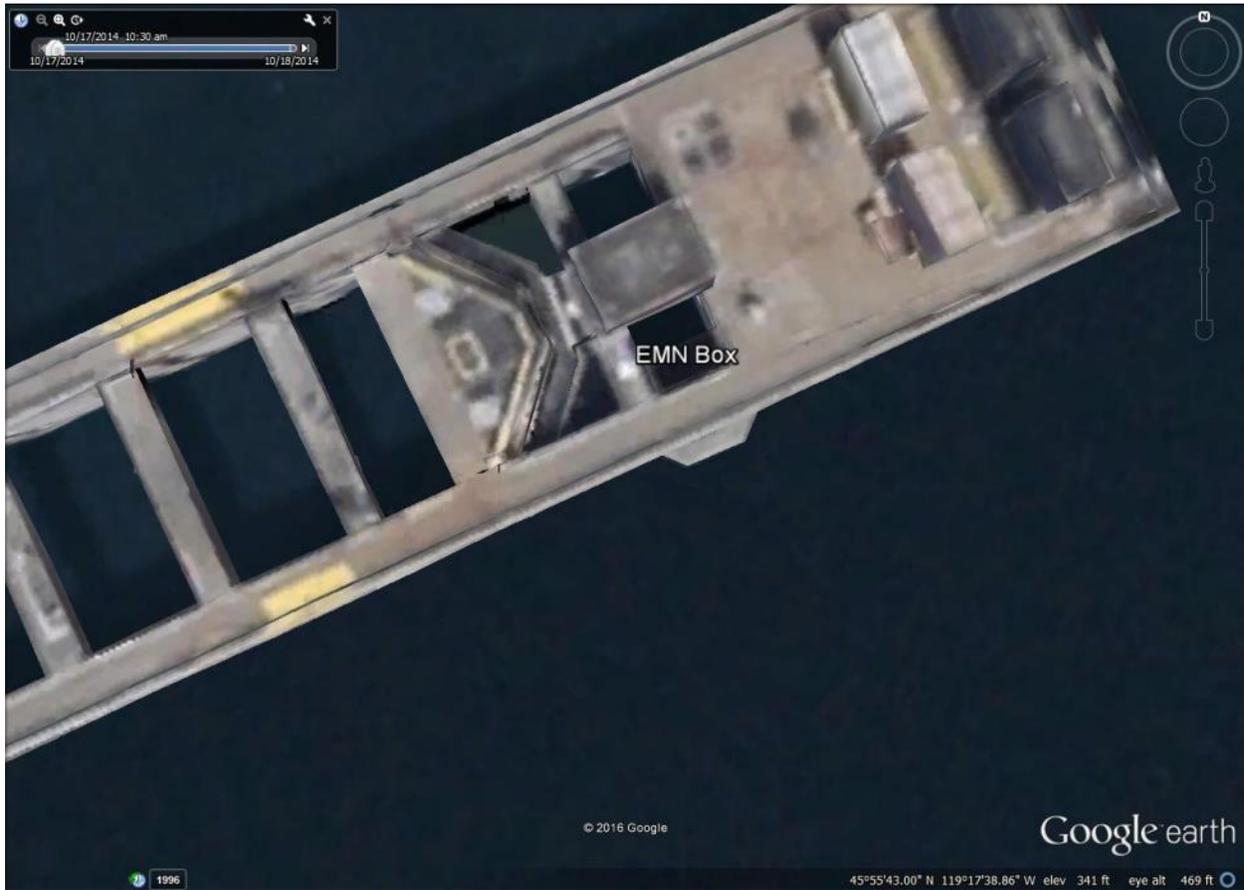
**Receiver type:** SRX/DSP

**Antennas (1):** A1: Top of ladder just inside the exit.

**Distance from receiver to antenna:** A1: 10 feet

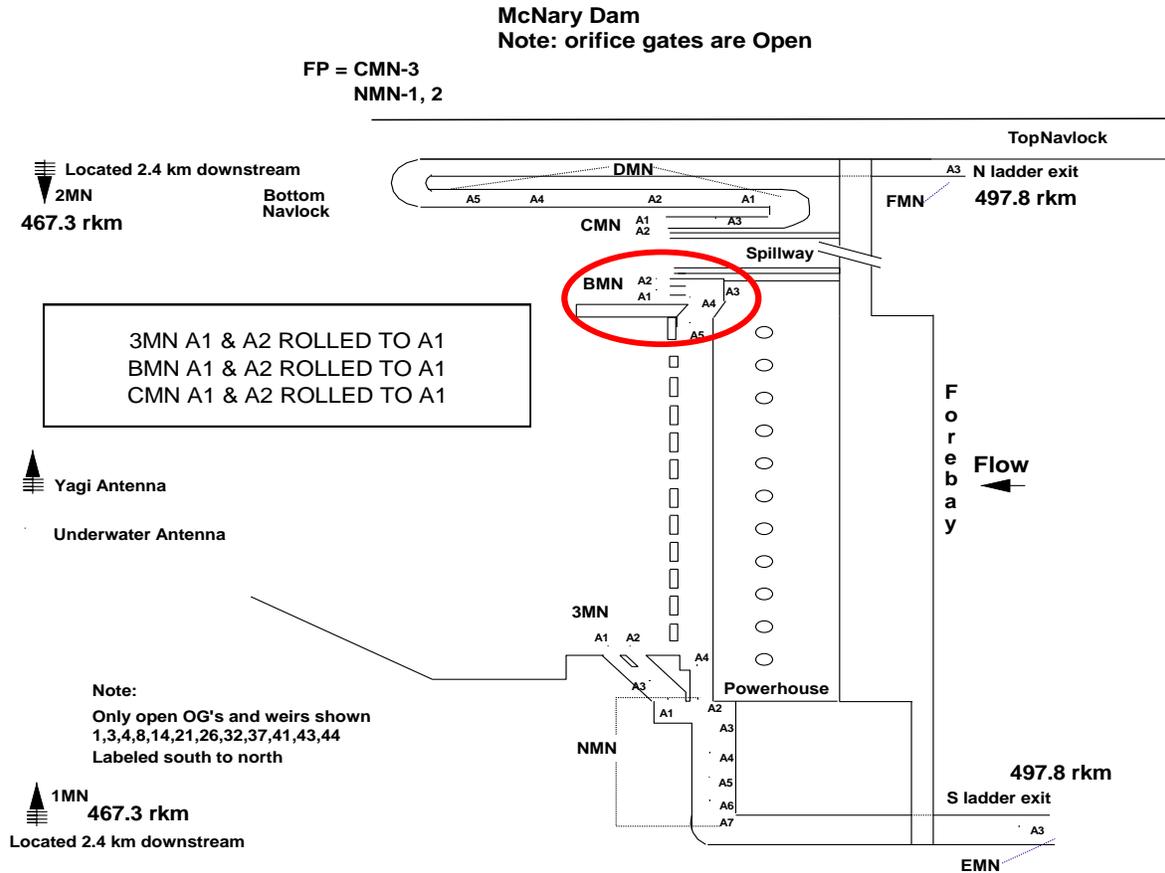
**Power source:** Hard wired (AC)

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**EMN receiver box**

**BMN: North Powerhouse entrance.**



**RKM:** 469.8  
**Receiver type:** SRX/DSP  
**Antennas (5):** A1: Outside entrance W3  
 A2: Outside Entrance W2, rolled into A1 or T'd.  
 A3: W2,3 inside pool  
 A4: W2,3 inside at exit from collection channel tunnel  
 A5: Entrance to collection channel tunnel

**Distance from receiver to antenna:** A1: 20 feet  
 A2: 20 feet  
 A3: 30 feet  
 A4: 30 feet  
 A5: 40 feet

**Power source:** Hard wired (AC)



BMN A1



BMN A2



BMN A3

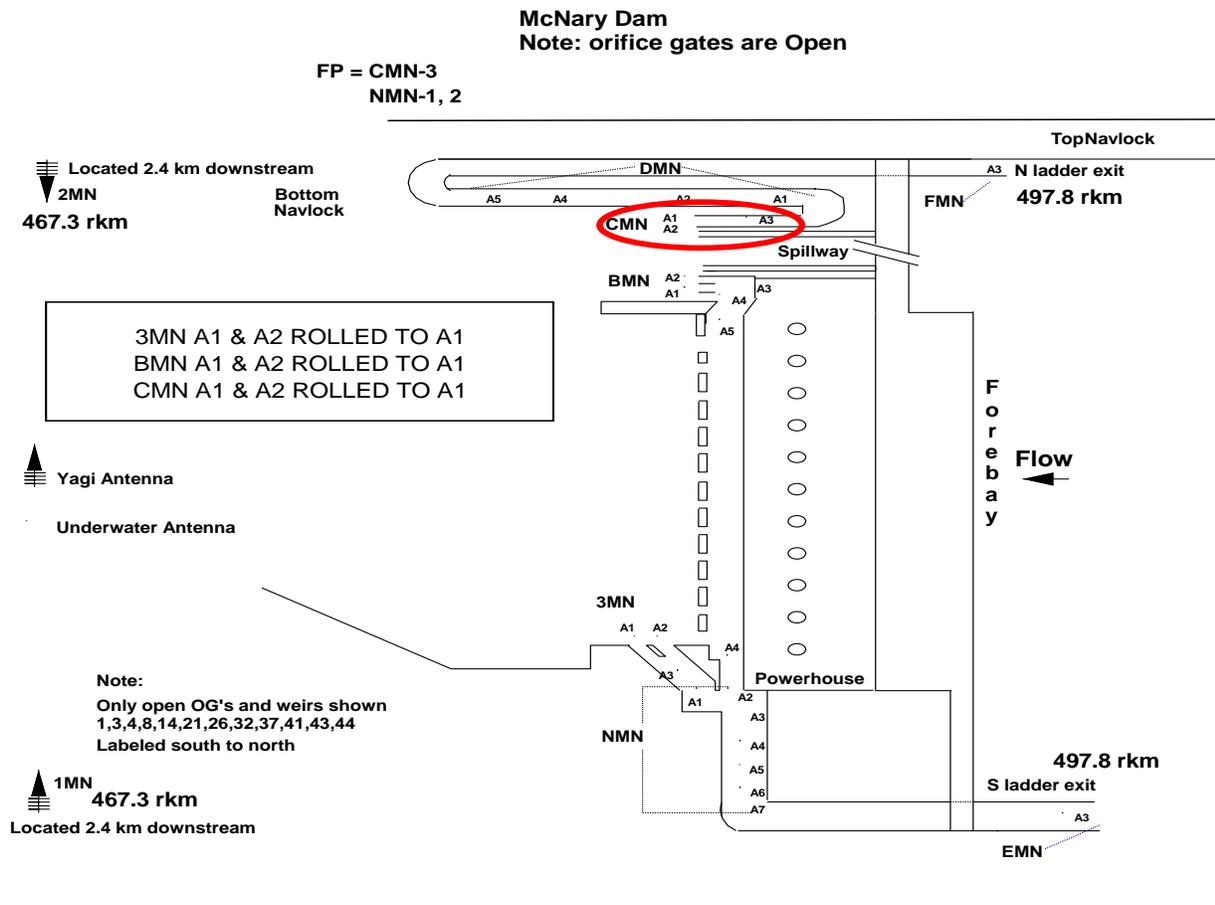


BMN A4



BMN A5

## CMN: Oregon shore spillway entrance.



<b>RKM:</b>	469.8
<b>Receiver type:</b>	SRX/DSP
<b>Antennas (3):</b>	A1: Outside entrance W3 A2: Outside Entrance W2, rolled to A1 or T'd. A3: W2,3 inside pool
<b>Distance from receiver to antenna:</b>	A1: 50 feet A2: 35 feet A3: 200 feet
<b>Power source:</b>	Hard wired (AC)

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CMN A1

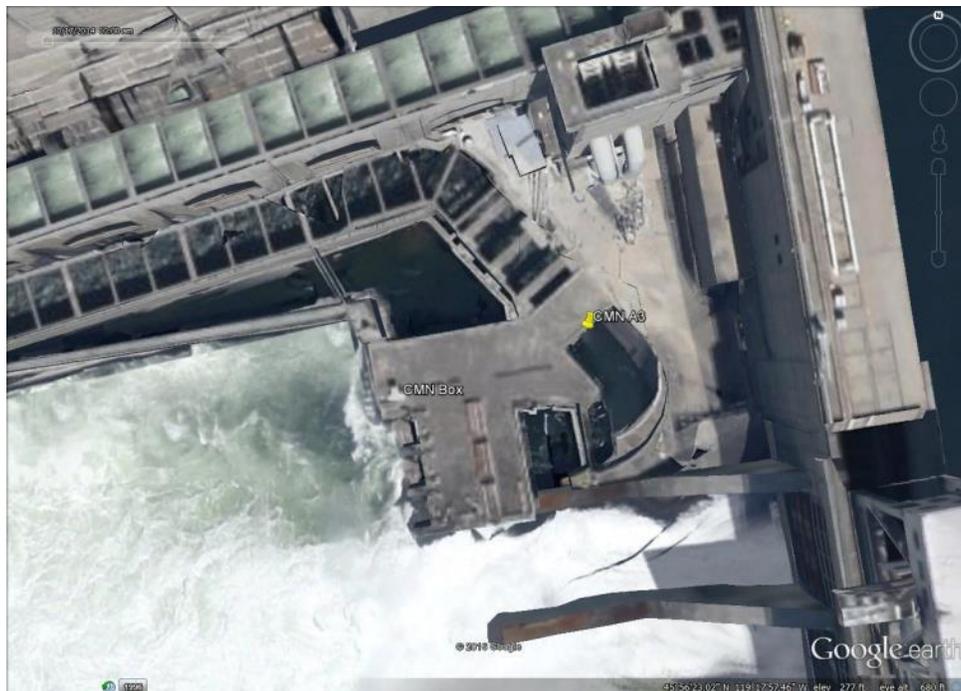


CMN A2

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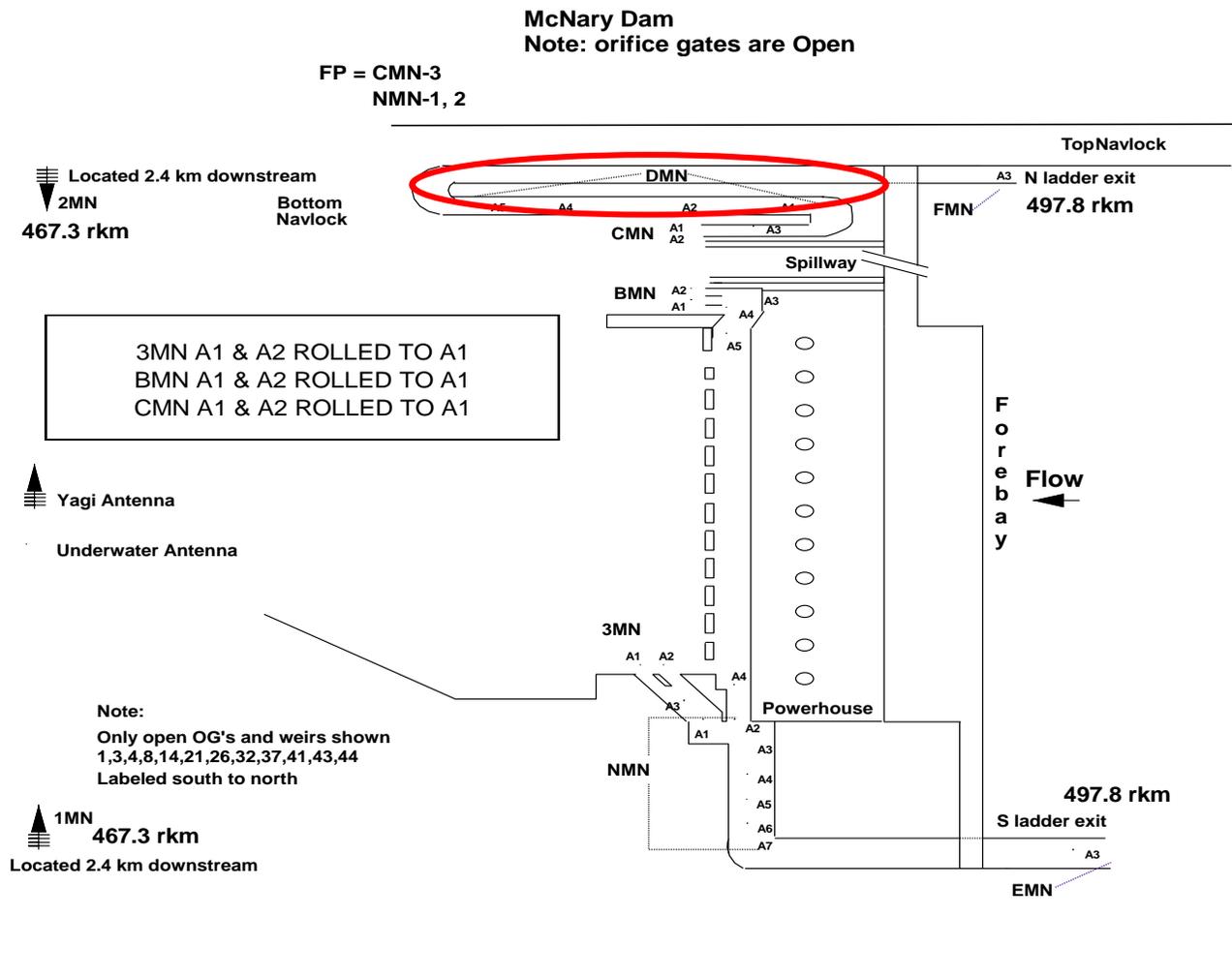


CMN A3



CMN A3 Location

## DMN: Oregon shore ladder transition pool.



- RKM:** 469.8
- Receiver type:** SRX/DSP
- Antennas (4):**
- A1: Between weirs 1 and 2 (same) (elevation 248-249)
  - A2: Between weirs 7 and 8 (same) (elevation 255-256)
  - A4: Located between weirs 12 and 13 (elevation 260-261)
  - A5: Located between weirs 16 and 17 (elevation 264-265)

- Distance from receiver to antenna:**
- A1: 180 feet All approx
  - A2: 100 feet
  - A4: 50 feet
  - A5: 100 feet



DMN A1



DMN A2

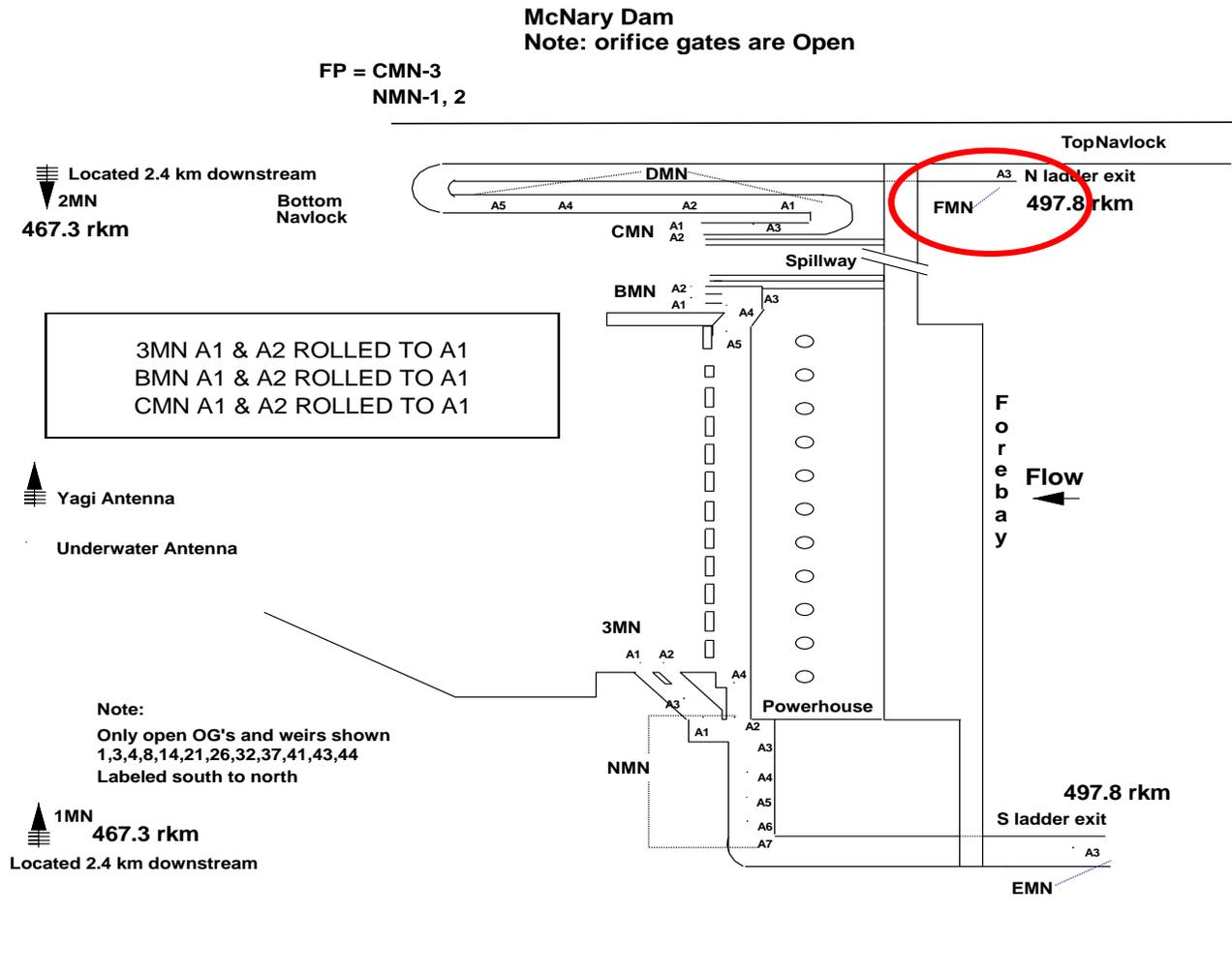


DMN A4



DMN A5

**FMN: Oregon shore top of ladder.**



**RKM:** 469.8

**Receiver type:** SRX/DSP

**Antennas (1):** A1: Located in last pool area before the exit.

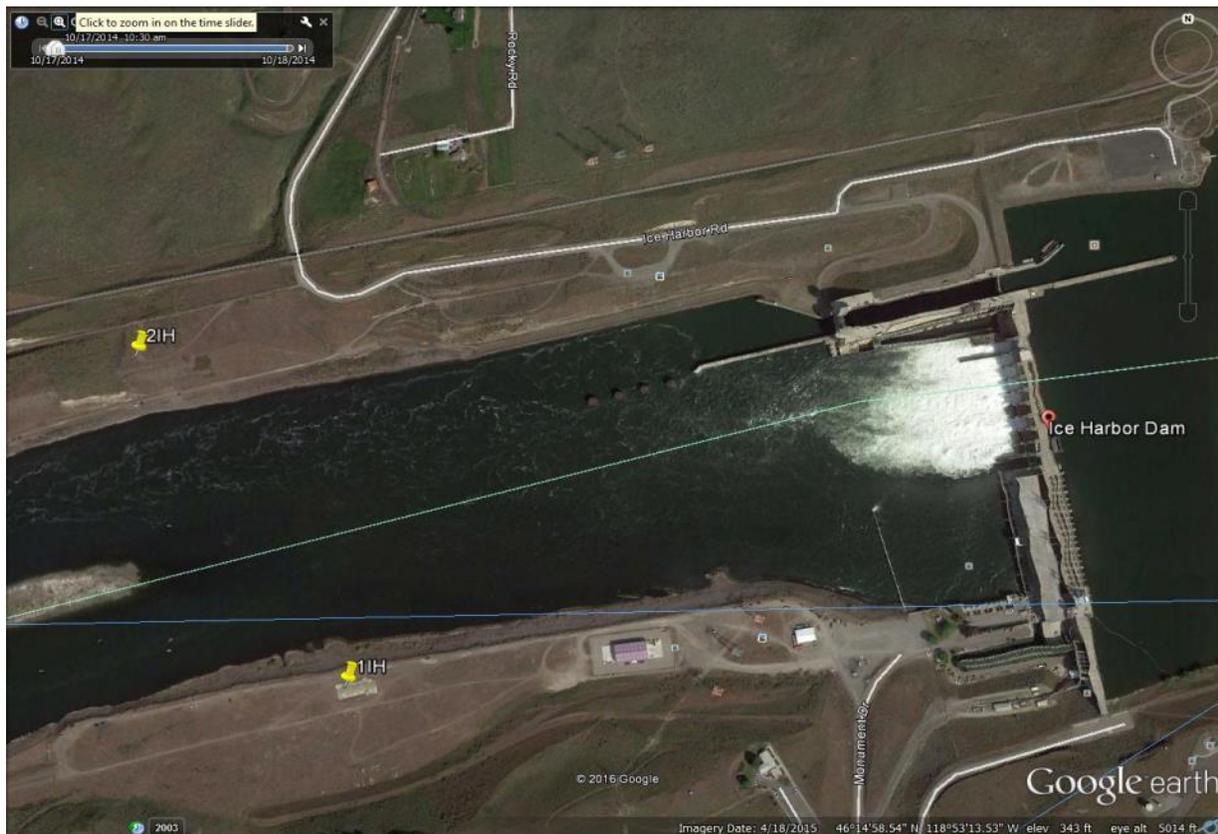
**Distance from receiver to antenna:** A1: 10 feet

**Power source:** Hard wired (AC)



FMN A3

## 1IH: South shore tailrace



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**LAT/LON:** 46°14'46.58"N  
118°53'30.43"W

**RKM:** 537.2

**Receiver type:** SRX

**Antennas (1):** A1 - yagi

**Distance from receiver to antenna:** 5 feet

**Power source:** Solar

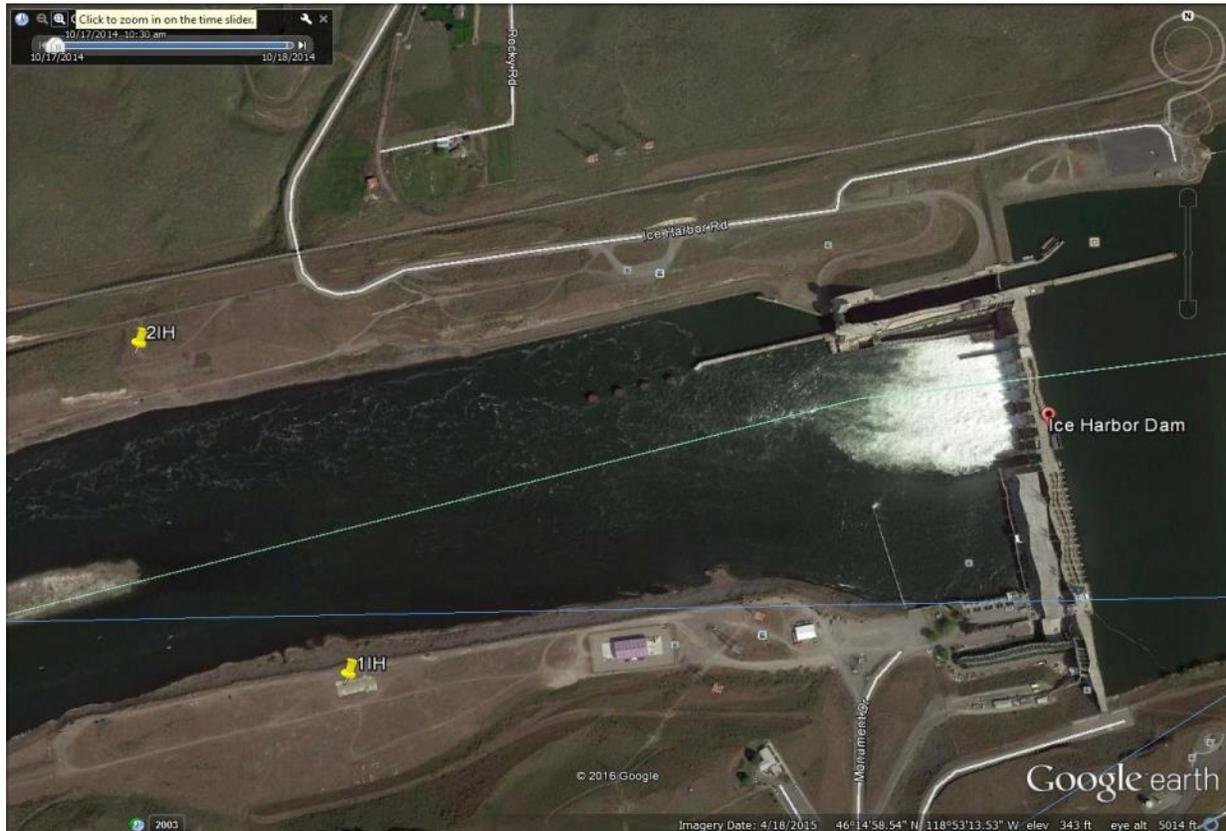
**Notes:**

Receiver located on corner of old concrete building pad. Solar panel removed spring 2016.

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## 2IH: North shore tailrace



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**LAT/LON:** 46°15'1.45"N  
118°53'43.45"W

**RKM:** 537.2

**Receiver type:** SRX

**Antennas (1):** A1 - yagi

**Distance from receiver to antenna:** 5 feet

**Power source:** Solar

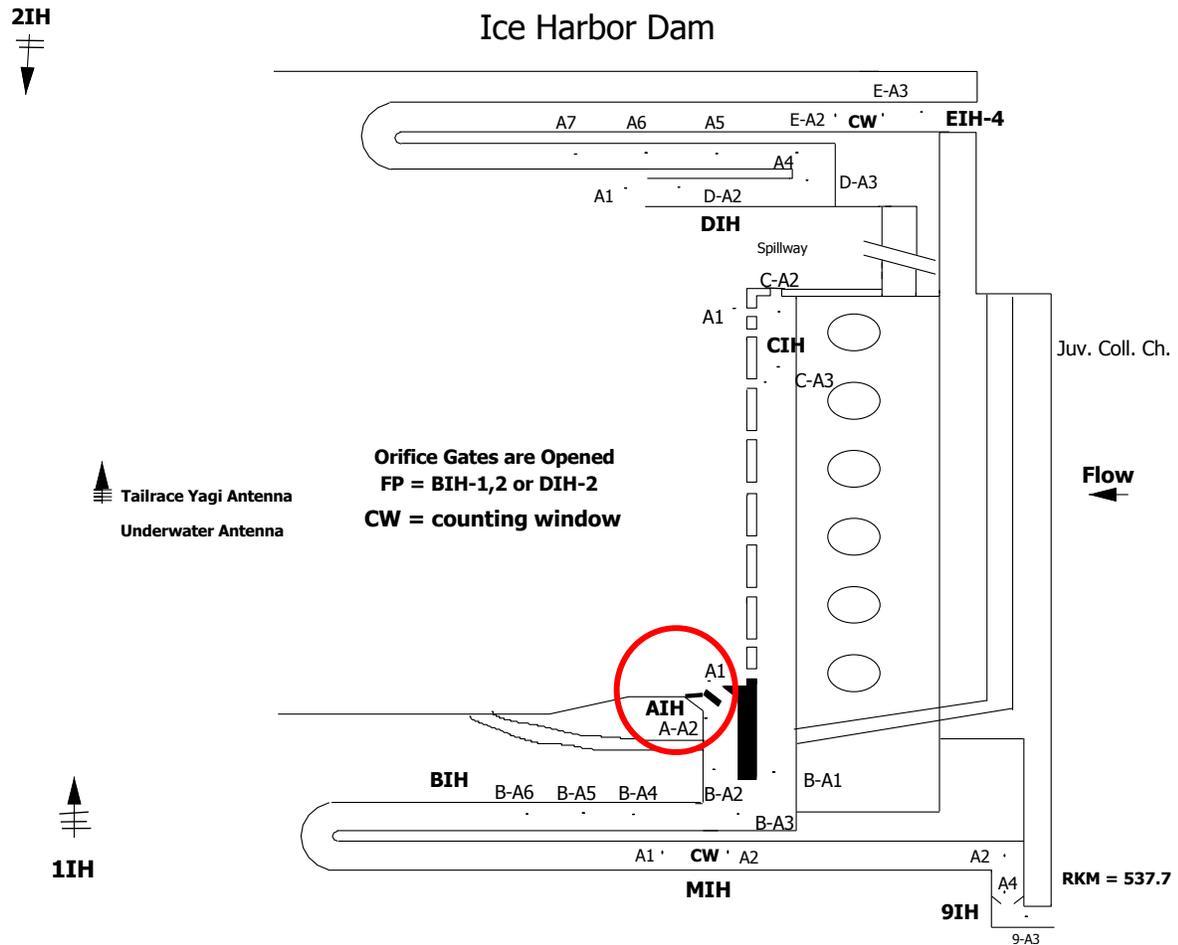
**Notes:**

Receiver located on old concrete round pad just below the road. Solar panel removed spring 2016.

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**AIH South powerhouse entrance.**

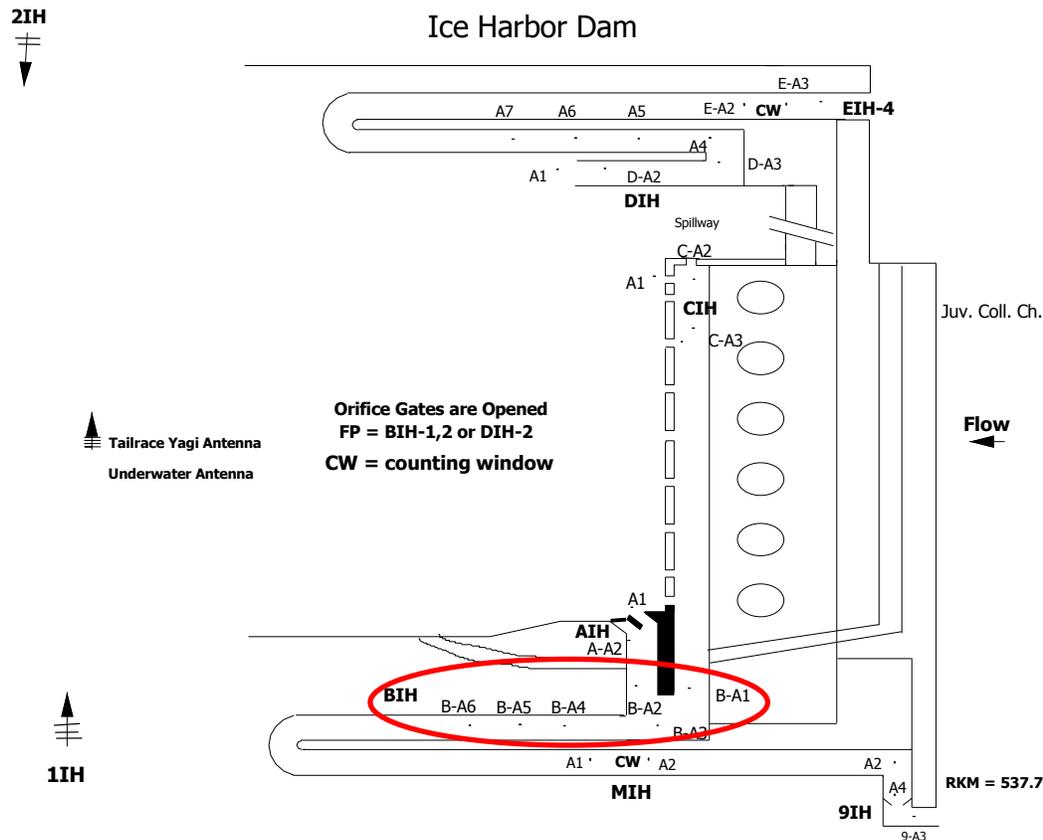



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<b>RKM:</b>	537.7
<b>Receiver type:</b>	SRX/DSP
<b>Antennas (2):</b>	A1: Located just outside entrance slot. A2: Located just inside the entrance not overlapping with A1.
<b>Distance from receiver to antenna:</b>	A1: 10 feet A2: 40 feet
<b>Power source:</b>	Hard wired (AC)
<b>Notes:</b>	Requires fishway entry to install or maintain A2

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### BIH South ladder transition pool.



**RKM:** 537.7

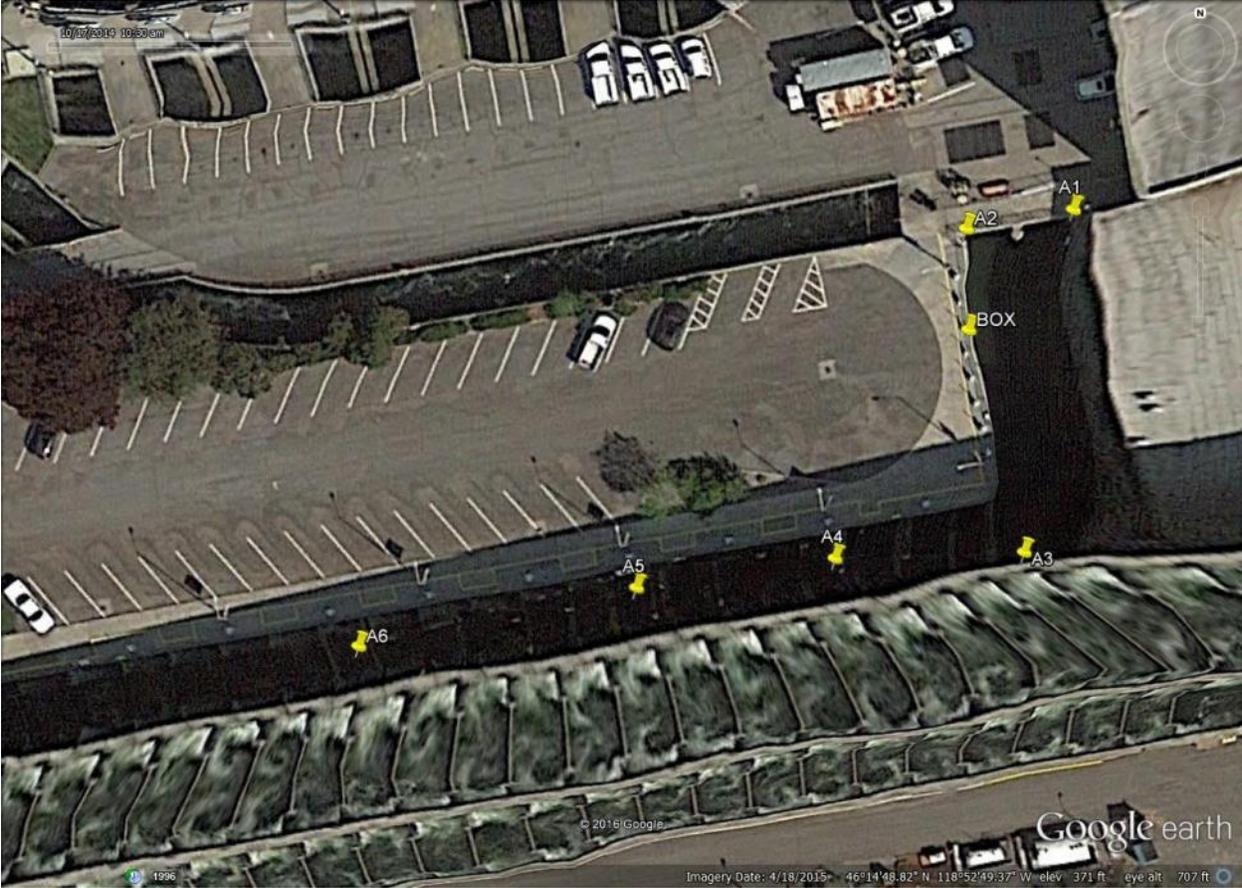
**Receiver type:** SRX/DSP

**Antennas (6):**  
 A1: Exit from collection channel .  
 A2: Exit from entrance area.  
 A3: Before weir 1 (elev. 338 ft.)  
 A4: Between weirs 4,5 (elev. 342-343 ft.)  
 A5: Between weirs 8,9 (elev. 346-347 ft.)  
 A6: Between weirs 14,15 (elev. 352-353 ft.)

**Distance from receiver to antenna:**  
 A1: 75 feet in conduit on east wall  
 A2: 30 feet in conduit on west wall  
 A3: 85 feet in conduit on south wall  
 A4: 100 feet. Drop in from cable across ladder.  
 A5: 165 feet. Drop in from cable across ladder.  
 A6: 250 feet. Drop in from cable across ladder.

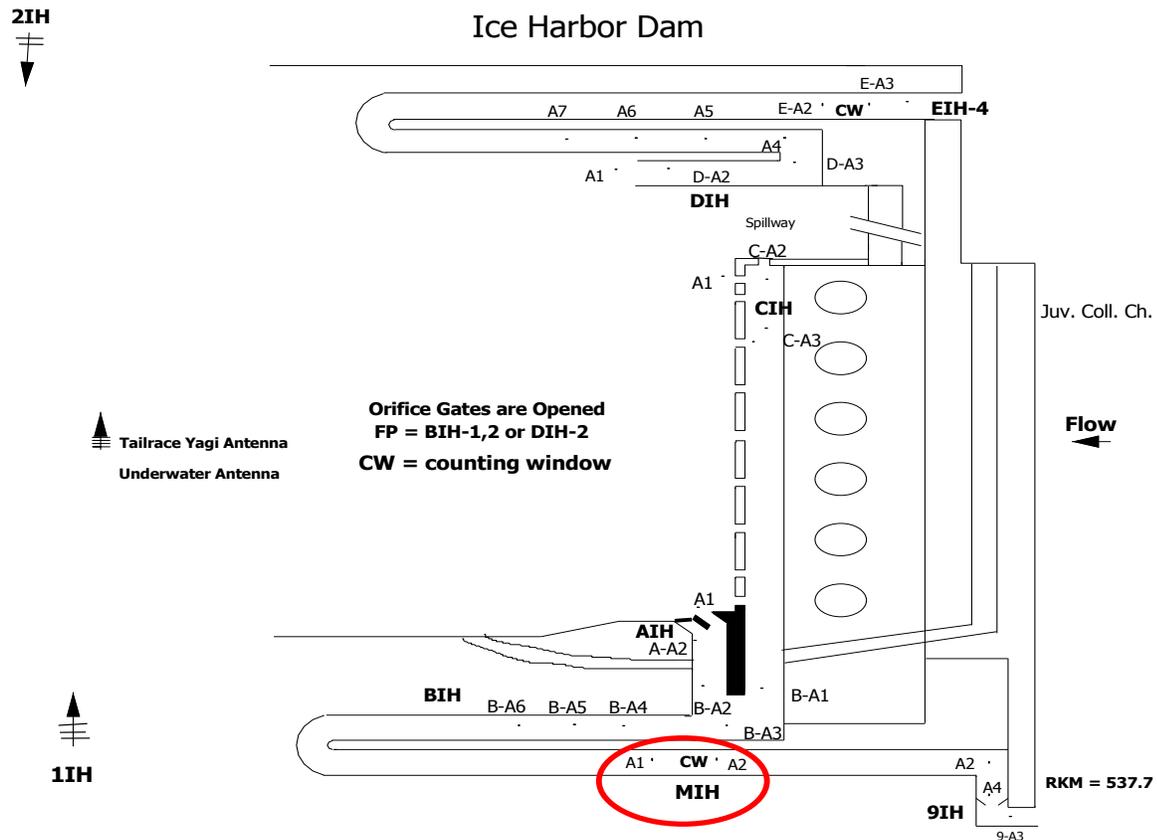
**Power source:** Hard wired (AC)

**Notes:** Requires fishway entry to install or maintain A1-A3. Receiver box located at end of public parking area.



BIH A1-A6 and box location

**MIH South ladder count window area.**



**RKM:** 537.7

**Receiver type:** SRX/DSP

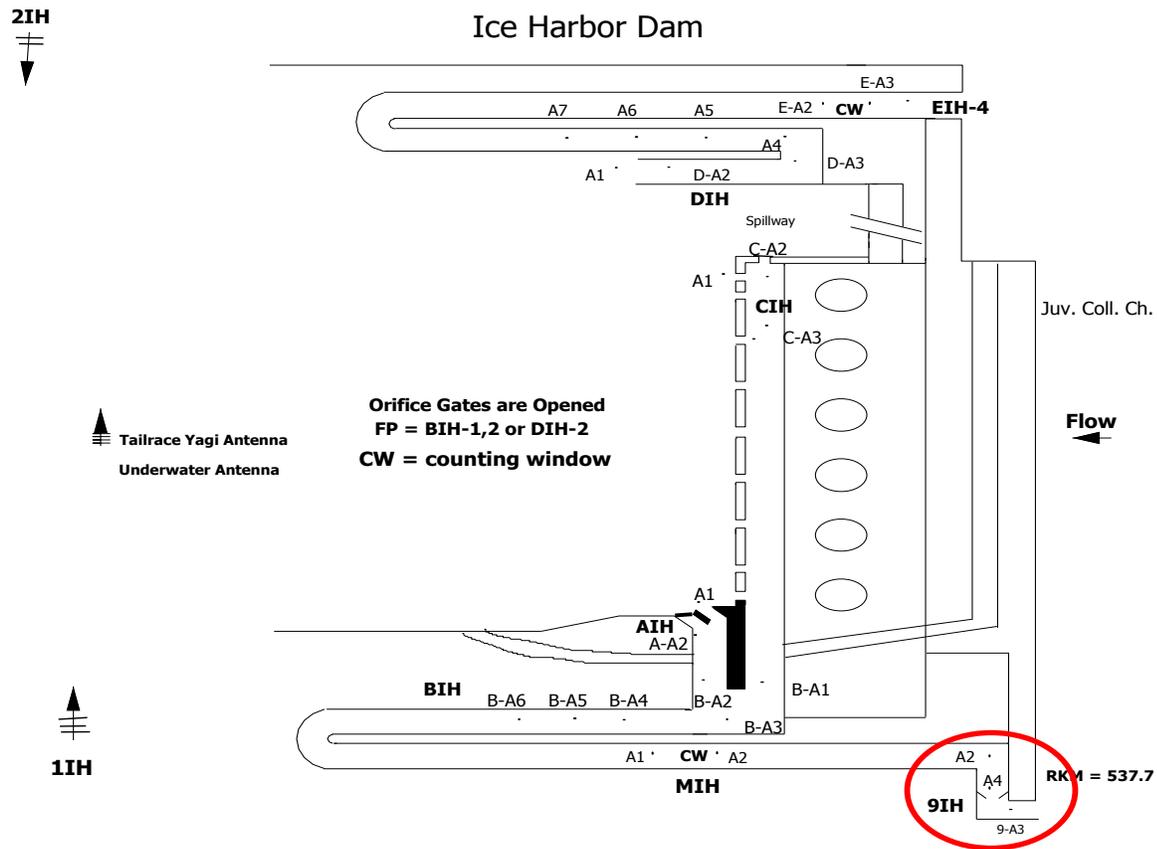
**Antennas (2):** A1: Just below count window  
A2: Just above count window

**Distance from receiver to antenna:** A1: 40 feet  
A2: 40 feet

**Power source:** Hard wired (AC)

**Notes:** Receiver box located on roof of count window area. Access is via a ladder behind the turn pool. Antennas drop in from railing.

**9IH South top of ladder area.**



**RKM:** 537.7

**Receiver type:** SRX/DSP

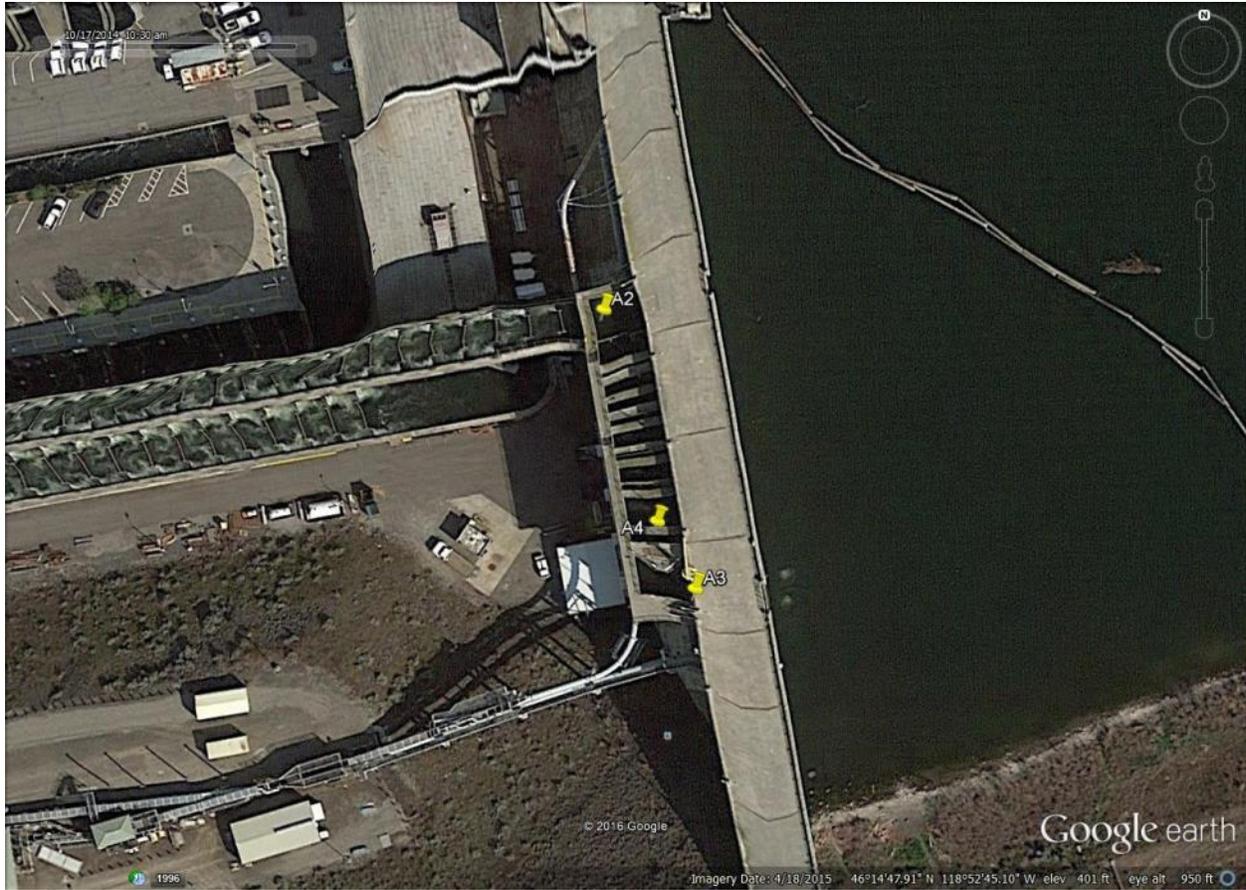
**Antennas (3):**  
 A2: Just below first vertical slot at turn pool  
 A3: Top of ladder. Drop in before it goes under roadway.  
 A4: Just above last vertical slot before trap deck.

**Distance from receiver to antenna:**  
 A2: 185 feet  
 A3: 5 feet  
 A4: 80 feet

**Power source:** Hard wired (AC)

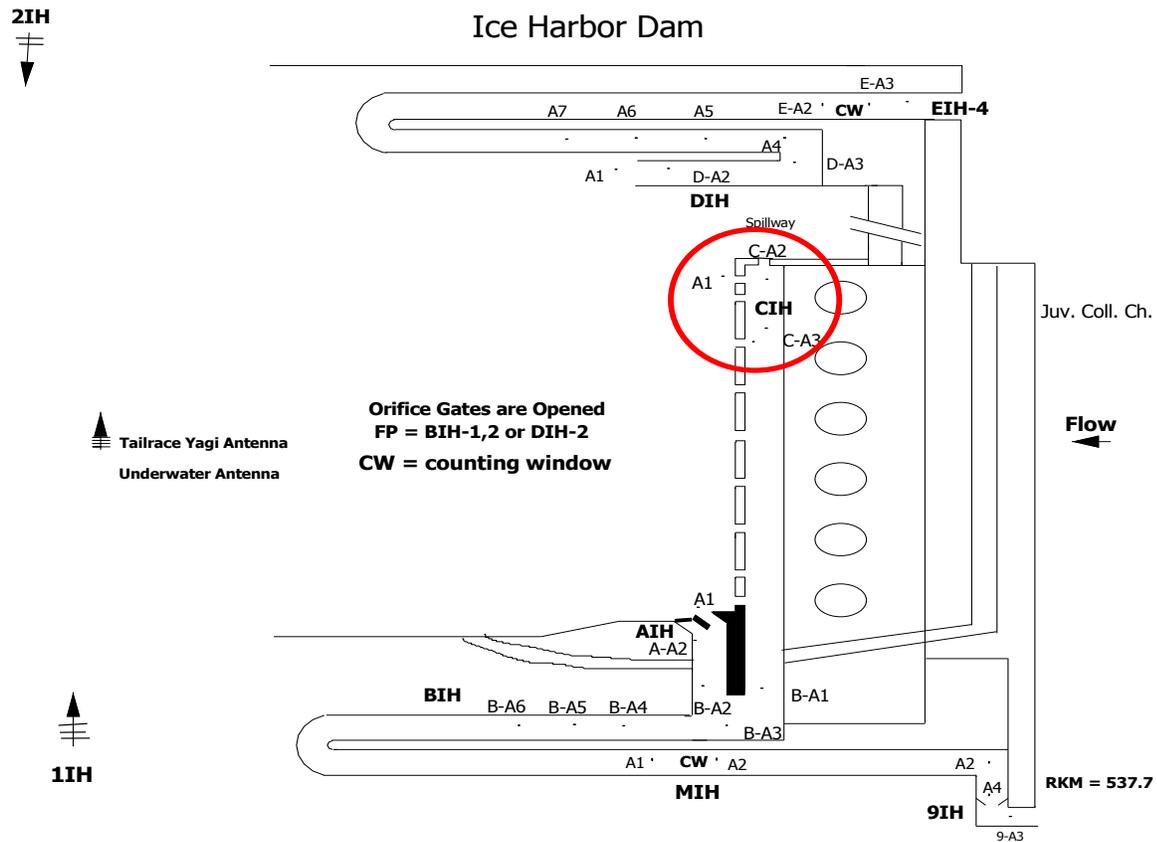
**Notes:** Receiver box located under stairs to trap deck. All antennas are drop in from railings.

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9IH A2-A4

**CIH North powerhouse entrance.**



**RKM:** 537.7

**Receiver type:** SRX/DSP

**Antennas (3):** A1: Outside entrance slot.  
A2: Inside entrance slot. In conduit  
A3: Inside, upstream of entrance area. In conduit.

**Distance from receiver to antenna:** A1: 10 feet  
A2: 40 feet  
A3: 50 feet

**Power source:** Hard wired (AC)

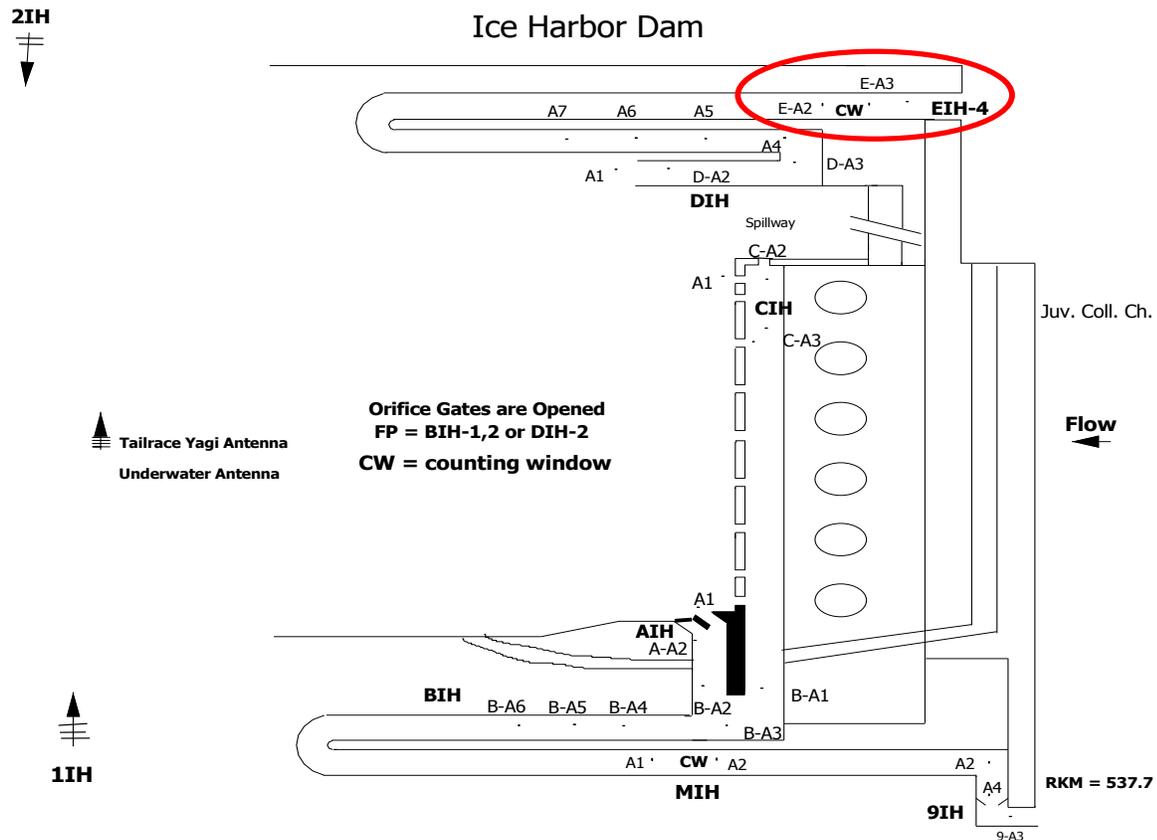
**Notes:** Fishway entry required for install or maintenance.





**DIH A1-A7 and receiver box locations**

**EIH North ladder top.**



**RKM:** 537.7

**Receiver type:** SRX/DSP

**Antennas (3):** A2: Immediately downstream of count window in conduit.  
 A3: First weir up from count window and downstream of pit tag detectors.  
 A4: Top of the ladder exit before going under roadway.

**Distance from receiver to antenna:** A2: 100 feet  
 A3: 65 feet  
 A4: 20 feet

**Power source:** Hard wired (AC)

**Notes:** Receiver box located near bottom of stairs.

## 1LM: South shore tailrace



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**LAT/LON:** 46°32'26.70"N  
118°33'17.92"W

**RKM:** 587.6

**Receiver type:** SRX

**Antennas (1):** A1 - yagi

**Distance from receiver to antenna:** 5 feet

**Power source:** Solar

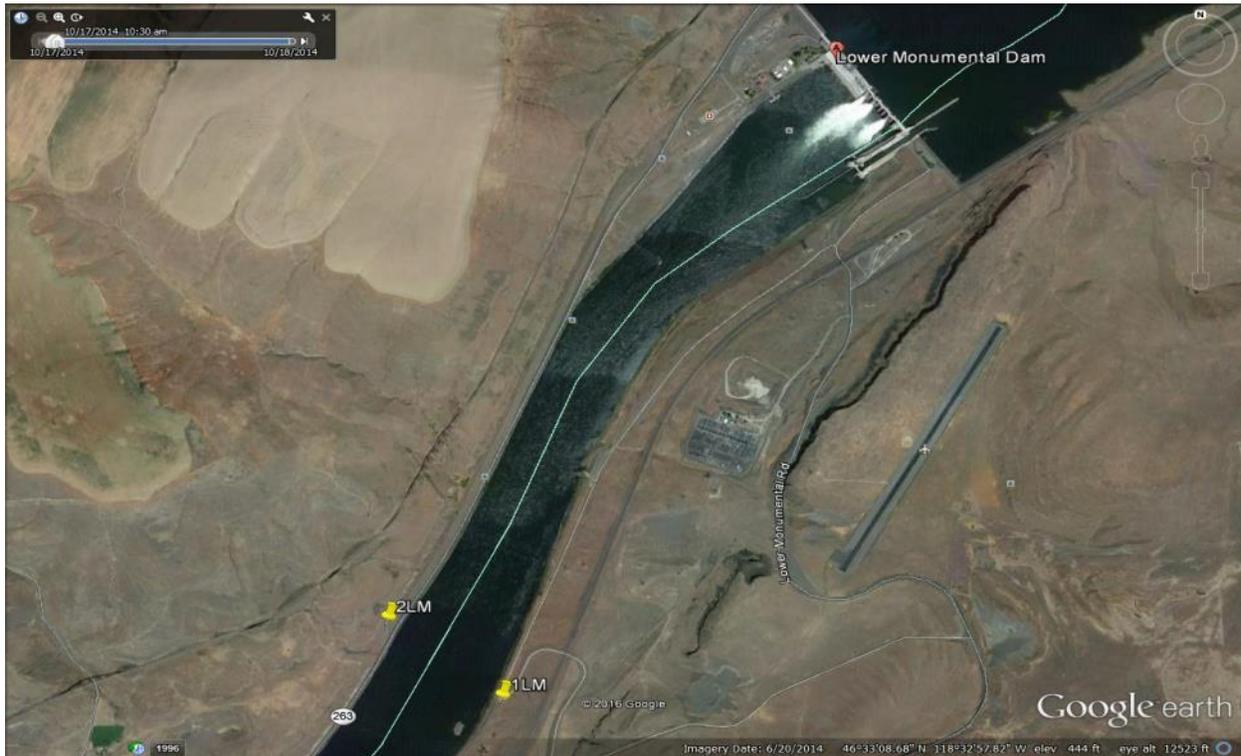
**Notes:**

Receiver located on hill just off curve in road.  
Solar panel removed spring 2016.

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## 2LM: North shore tailrace



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**LAT/LON:** 46°32'36.94"N  
118°33'36.21"W

**RKM:** 587.6

**Receiver type:** SRX

**Antennas (1):** A1 - yagi

**Distance from receiver to antenna:** 5 feet

**Power source:** Solar

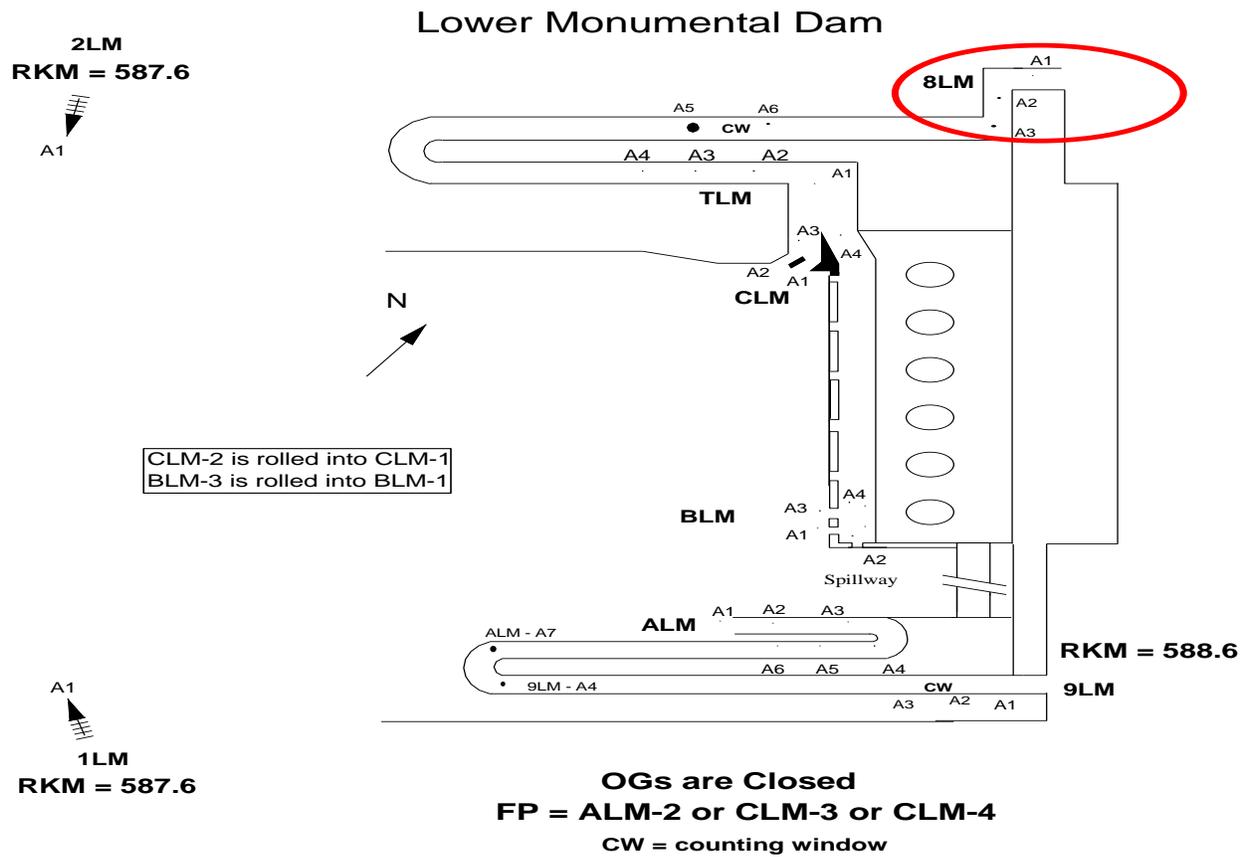
**Notes:**

Receiver located on old RR grade above paved road. Up a rough access road. Solar panel removed spring 2016.

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**8LM North ladder top.**

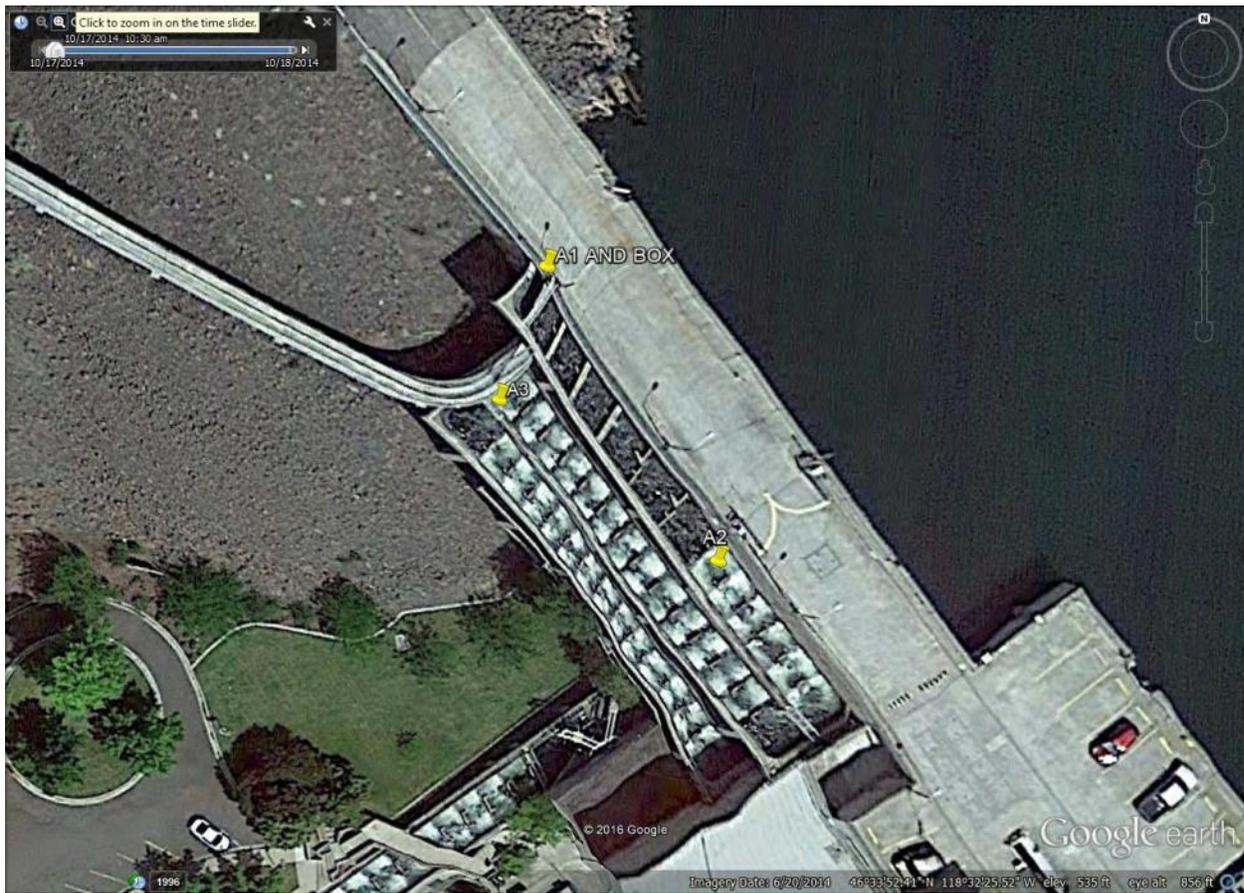



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<b>RKM:</b>	588.6
<b>Receiver type:</b>	SRX/DSP
<b>Antennas (3):</b>	A1: Right next to receiver box before going under roadway TOL. A2: Located before first vertical slot weir. A3: Located at 2 <sup>nd</sup> turn pool from top on handrail.
<b>Distance from receiver to antenna:</b>	A1: 5 feet A2: 120 feet A3: 60 feet
<b>Power source:</b>	Hard wired (AC)
<b>Notes:</b>	Receiver box located at top of ladder before it goes under roadway. Fishway deck level.

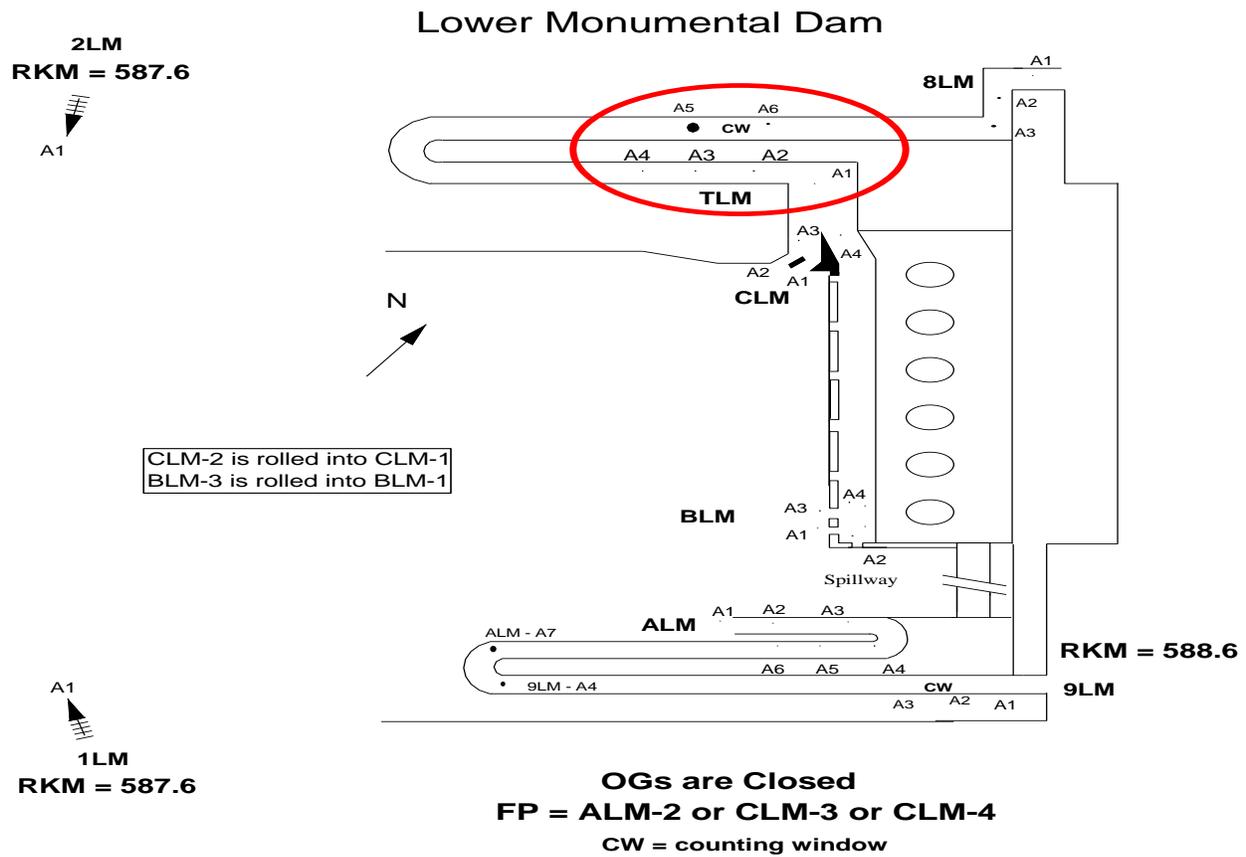
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8LM A1-A3 and receiver box locations

**TLM North ladder transition pool and count window.**




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<b>RKM:</b>	588.6
<b>Receiver type:</b>	SRX/DSP
<b>Antennas (6):</b>	A1: Junction pool of entrance and collection channels. A2: Before first weir. A3: Between weir 2 and 3. A4: Between weir 4 and 5. A5: Just downstream of count window. A6: Just upstream of count window.
<b>Distance from receiver to antenna:</b>	A1: 45 feet A2: 10 feet A3: 35 feet A4: 55 feet A5: 125 feet A6: 155 feet
<b>Power source:</b>	Hard wired (AC)
<b>Notes:</b>	

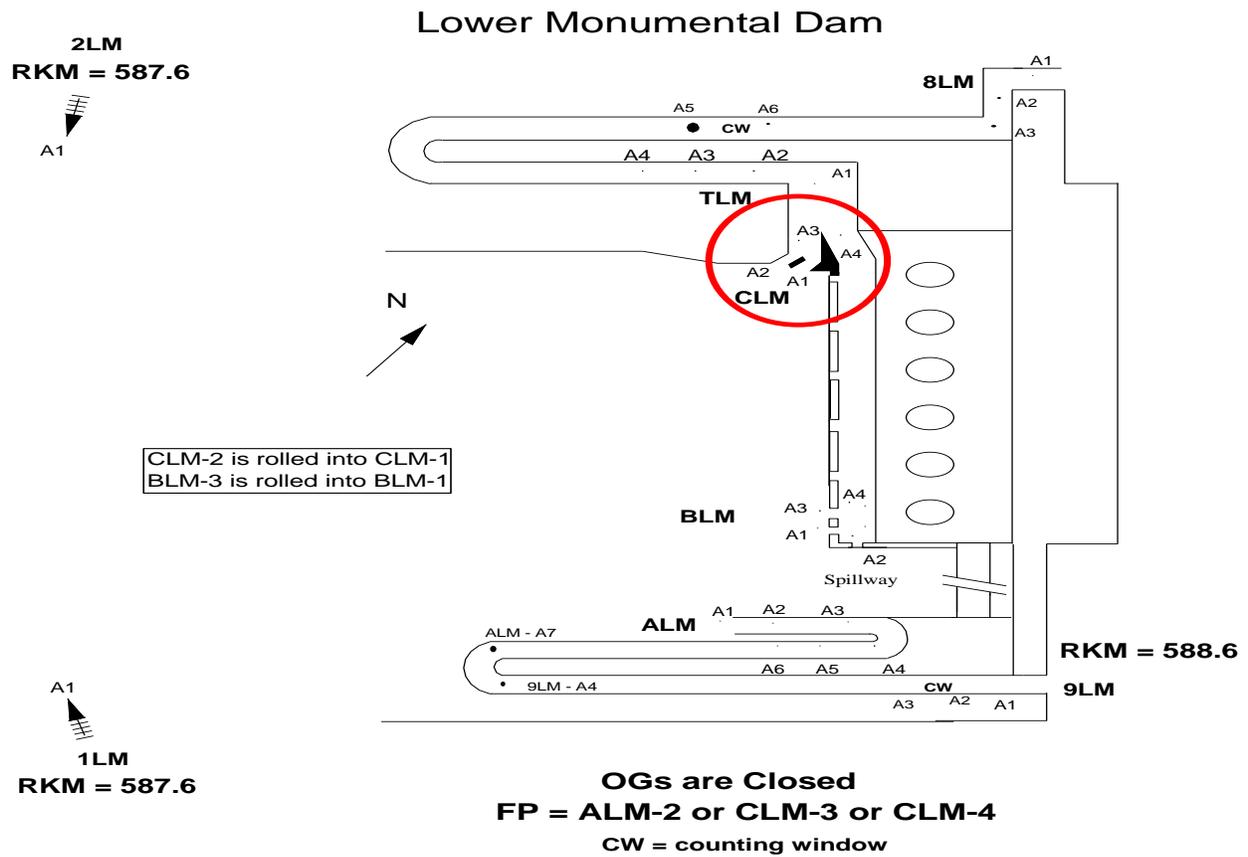
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TLM A1-A6 and receiver box locations.

**CLM North ladder north powerhouse entrance.**



**RKM:** 588.6  
**Receiver type:** SRX/DSP  
**Antennas (4):** A1: Outside entrance slot nearest powerhouse.  
 A2: Outside downstream slot.  
 A3: Inside entrance slot channel. (from railing).  
 A4: Inside collection channel slot. (from railing).

**Distance from receiver to antenna:** A1: 10 feet  
 A2: 10 feet  
 A3: 15 feet  
 A4: 30 feet

**Power source:** Hard wired (AC)

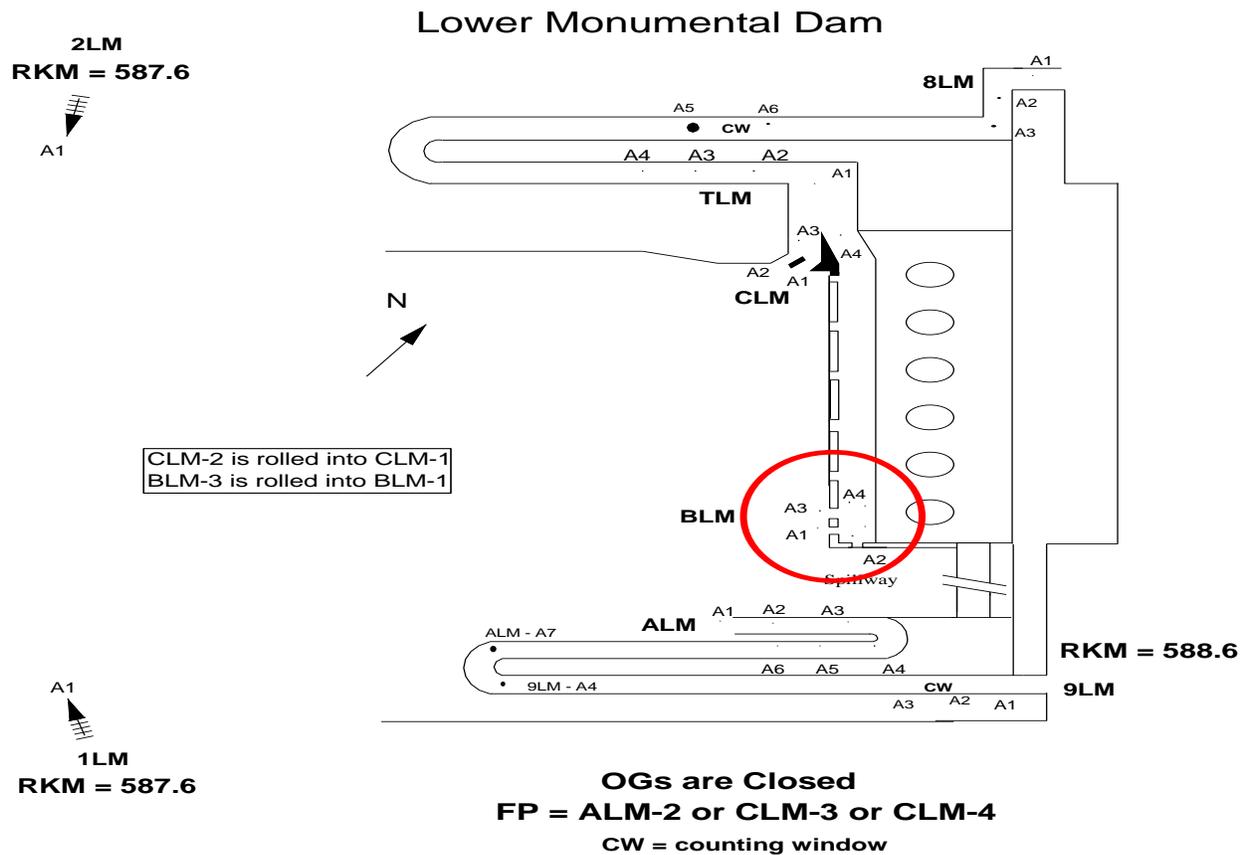
**Notes:**

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CLM A1-A4 and receiver box locations.

**BLM North ladder south powerhouse entrance.**



**RKM:** 588.6  
**Receiver type:** SRX/DSP  
**Antennas (4):** A1: Outside entrance slot nearest spillway.  
 A2: Inside A1 entrance slot (in conduit).  
 A3: Outside downstream (other) slot.  
 A4: Inside A3 entrance slot (in conduit).

**Distance from receiver to antenna:** A1: 10 feet  
 A2: 10 feet  
 A3: 15 feet  
 A4: 15 feet

**Power source:** Hard wired (AC)

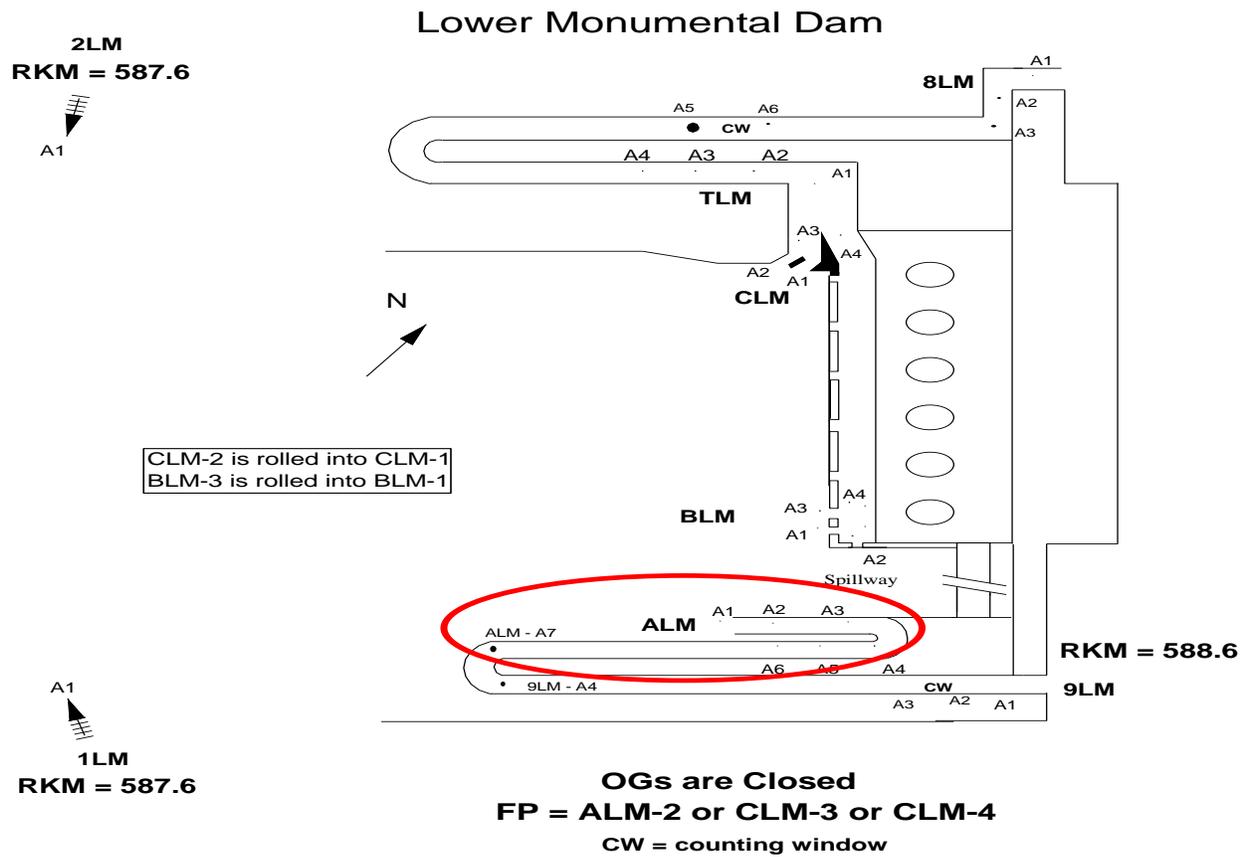
**Notes:** A2 and A4 are inside fishway in conduits. Ladder access required for maint.

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BLM A1 and A3 and receiver box locations. A2 and A4 are inside under deck.

**ALM South ladder spillway entrance and transition pool and turn pool #1.**

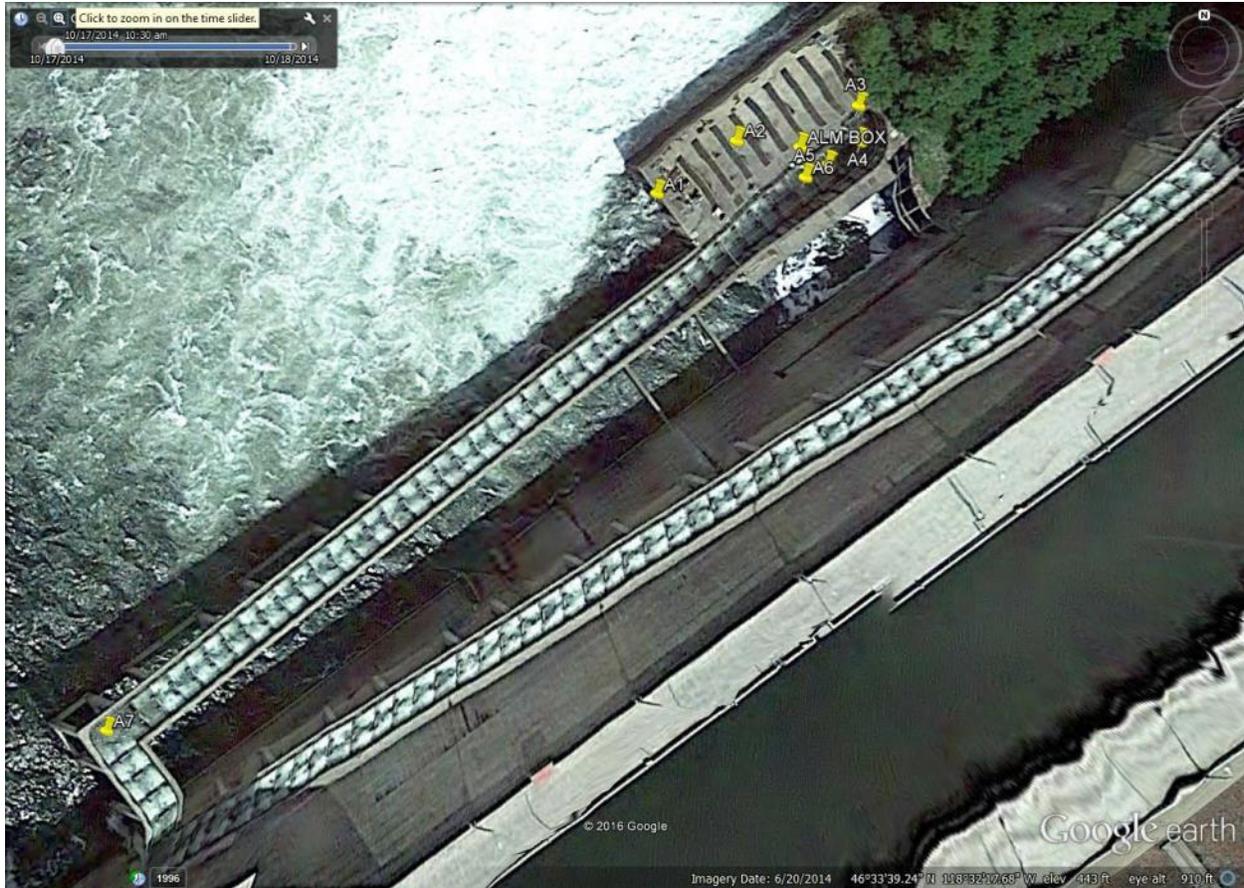


**RKM:** 588.6  
**Receiver type:** SRX/DSP  
**Antennas (7):** A1: Outside entrance slots.  
A2: Inside through grating before turn pool.  
A3: Before weir 1 (elev. 437 ft.)  
A4: Before weir 2 (elev. 438 ft.)  
A5: Between weirs 3,4 (elev. 439, 440 ft.)  
A6: Between weirs 5,6 (elev. 441, 442 ft.)  
A7: At downstream end of turn pool.

**Distance from receiver to antenna:** A1: 75 feet  
A2: 35 feet  
A3: 35 feet  
A4: 25 feet  
A5: 15 feet  
A6: 5 feet  
A7: 385 feet

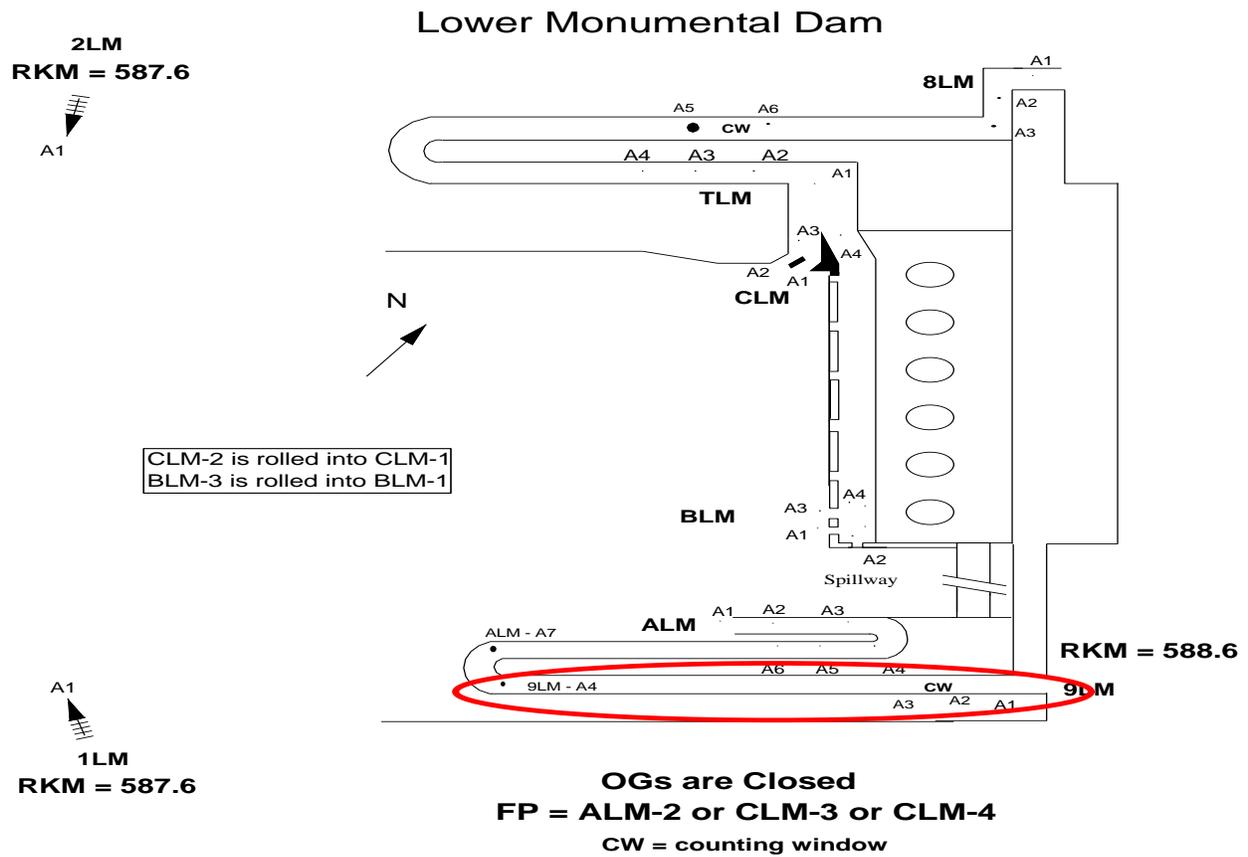
**Power source:** Hard wired (AC)

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ALM A1-A7 and receiver box locations.

**9LM South ladder top, count window and turn pool #2.**



**RKM:** 588.6  
**Receiver type:** SRX/DSP  
**Antennas (4):** A1: Top of ladder before going under roadway.  
 A2: Upstream of count window.  
 A3: Downstream of count window  
 A4: Upstream end of turn pool.

**Distance from receiver to antenna:** A1: 120 feet  
 A2: 35 feet  
 A3: 5 feet  
 A4: 500 feet

**Power source:** Hard wired (AC)

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9LM A1-A4. Receiver box located at count window (A3).

## 1GO: North shore tailrace



**LAT/LON:** 46°34'59.66"N  
118° 2'42.03"W

**RKM:** 634.3

**Receiver type:** SRX

**Antennas (1):** A1 - yagi

**Distance from receiver to antenna:** 5 feet

**Power source:** Solar

**Notes:**

Receiver located on hill behind and unlocked gate. Follow the two track to the left after entering. Solar panel removed spring 2016.



## 2GO: South shore tailrace



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**LAT/LON:** 46°34'46.56"N  
118° 2'32.66"W

**RKM:** 634.3

**Receiver type:** SRX

**Antennas (1):** A1 - yagi

**Distance from receiver to antenna:** 5 feet

**Power source:** Solar

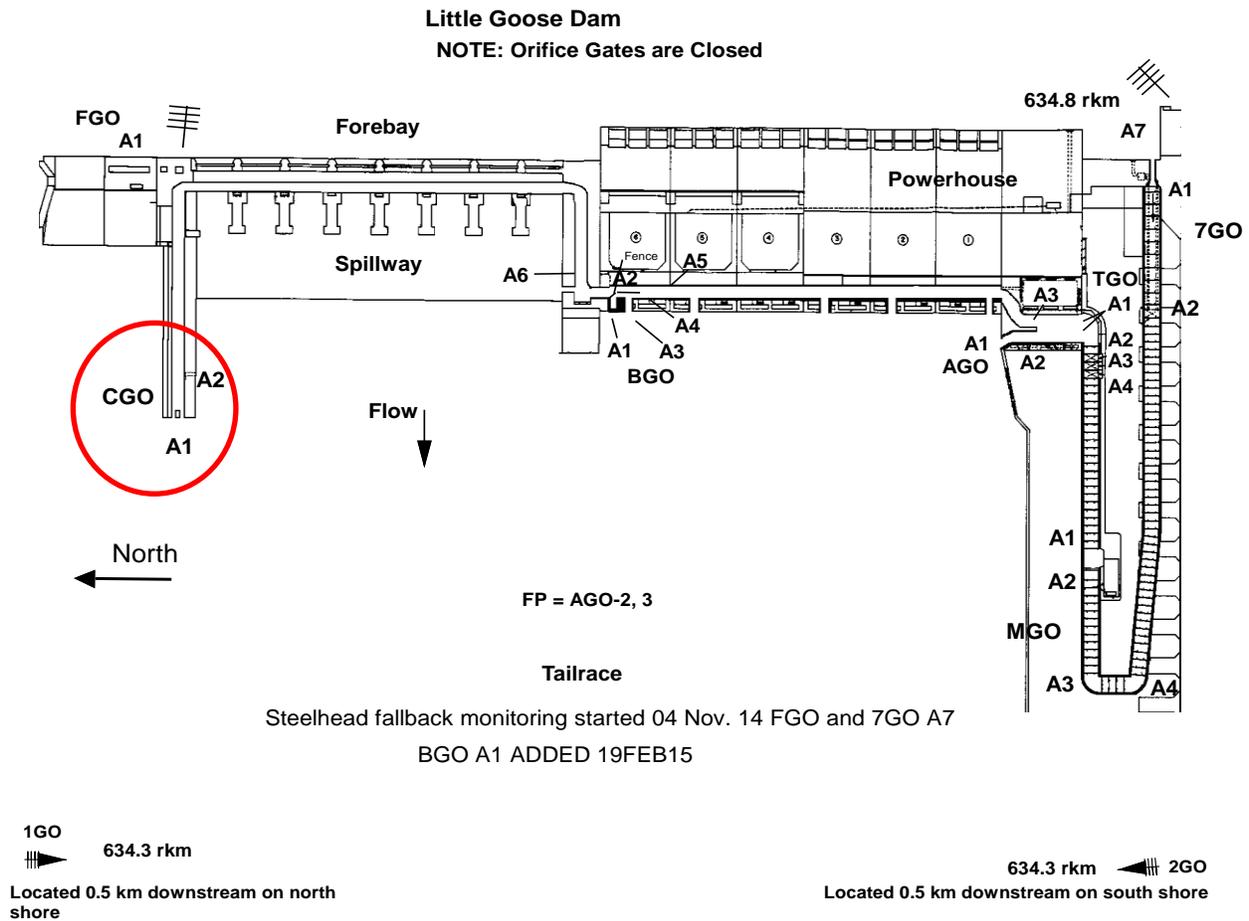
**Notes:**

Receiver located on the west end of the boneyard area. Solar panel removed spring 2016.

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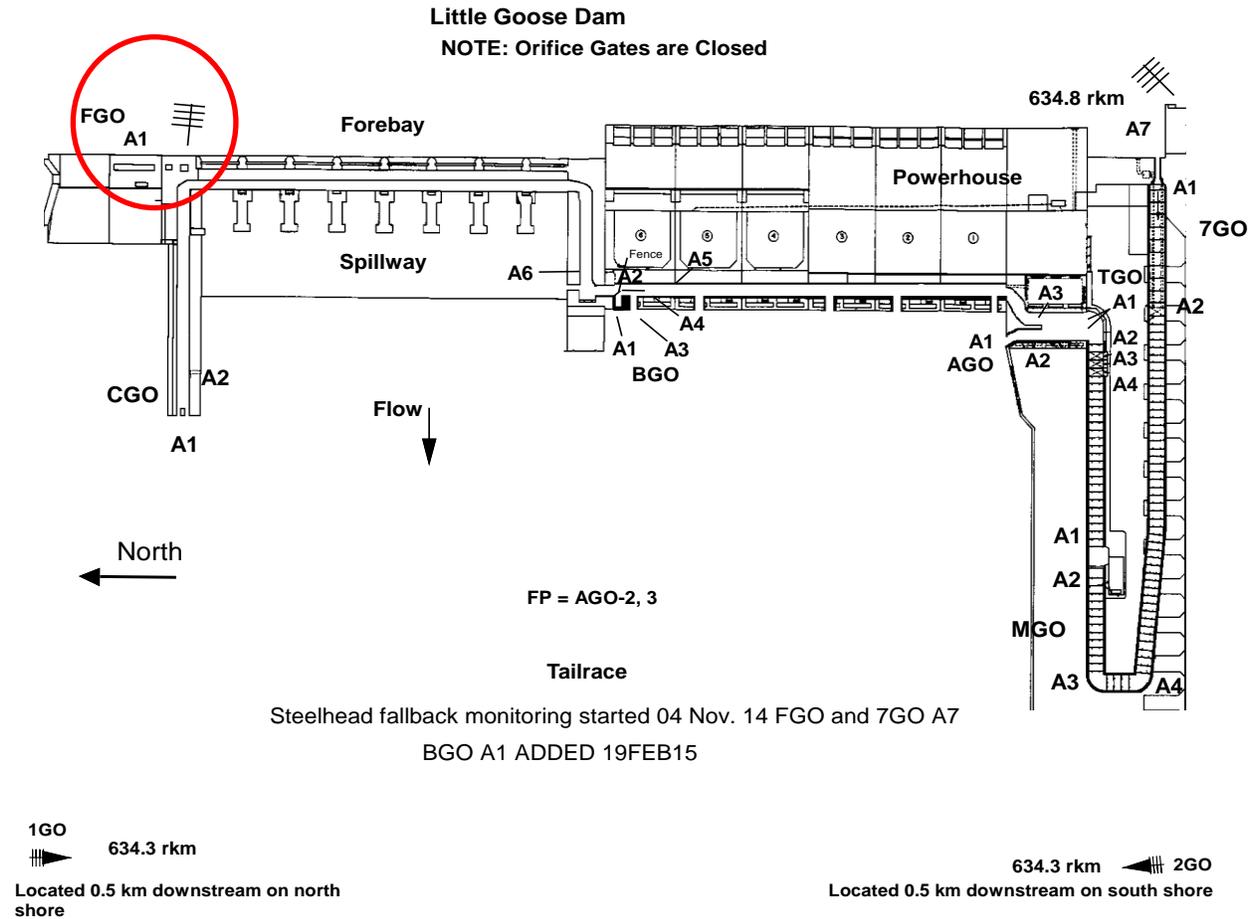


## CGO: North spillway entrance.



<b>RKM:</b>	634.8
<b>Receiver type:</b>	SRX/DSP
<b>Antennas (2):</b>	A1: Two drop in antennas T'ed as needed if both slots open hanging from handrail. A2: One drop in antenna hanging from cable spanning fishway. Approx 60 ft. from entrance.
<b>Distance from receiver to antenna:</b>	A1: 265 feet A2: 175 feet
<b>Power source:</b>	Hard wired (AC)
<b>Notes:</b>	Line amps required. Receiver box located in shed near the door to the dam.

## FGO: North spillway area of forebay.



**RKM:** 634.8  
**Receiver type:** SRX  
**Antennas (1):** A1 – one 3 element yagi aimed into forebay overlooking north end of spillway.

**Distance from receiver to antenna:** A1: 5 feet

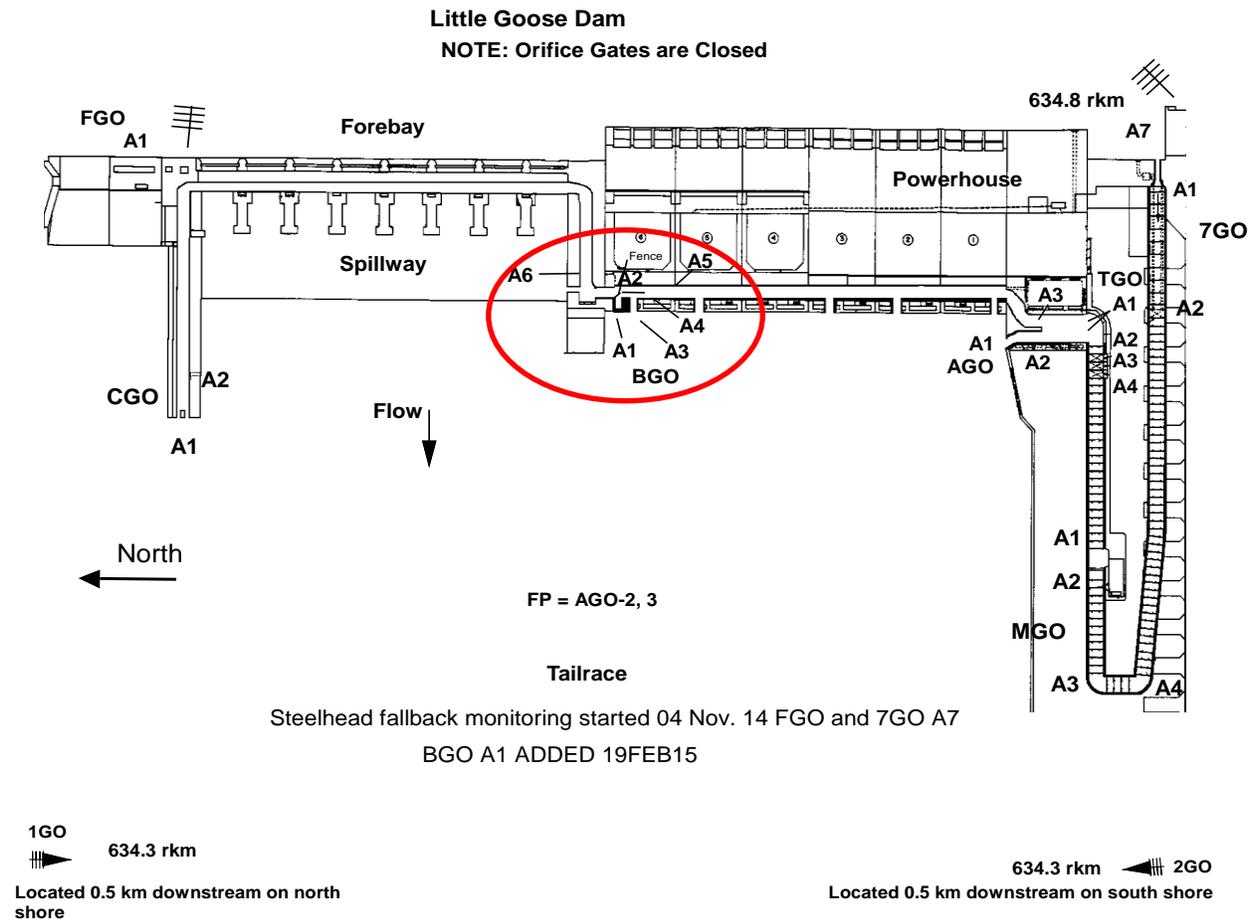
**Power source:** Solar

**Notes:** Antenna and solar panel mounted on steel antenna base.



**FGO**

## BGO: North power house entrance.



- RKM:** 634.8
- Receiver type:** SRX/DSP
- Antennas (6):**
- A1: one drop in antenna hanging from handrail in north slot.
  - A2: one conduit antenna mounted just inside slot to the south.
  - A3: one drop in antenna hanging from handrail in south slot.
  - A4: one conduit antenna mounted just inside slot to the south.
  - A5: one conduit antenna mounted to the power house wall upstream of A4.
  - A6: one drop in antenna hanging from handrail in opening near the spillway.

- Distance from receiver to antenna:**
- A1: 90 feet
  - A2: 70 feet
  - A3: 65 feet
  - A4: 50 feet
  - A5: 35 feet
  - A6: 300 feet

**Power source:** Hard wired (AC)

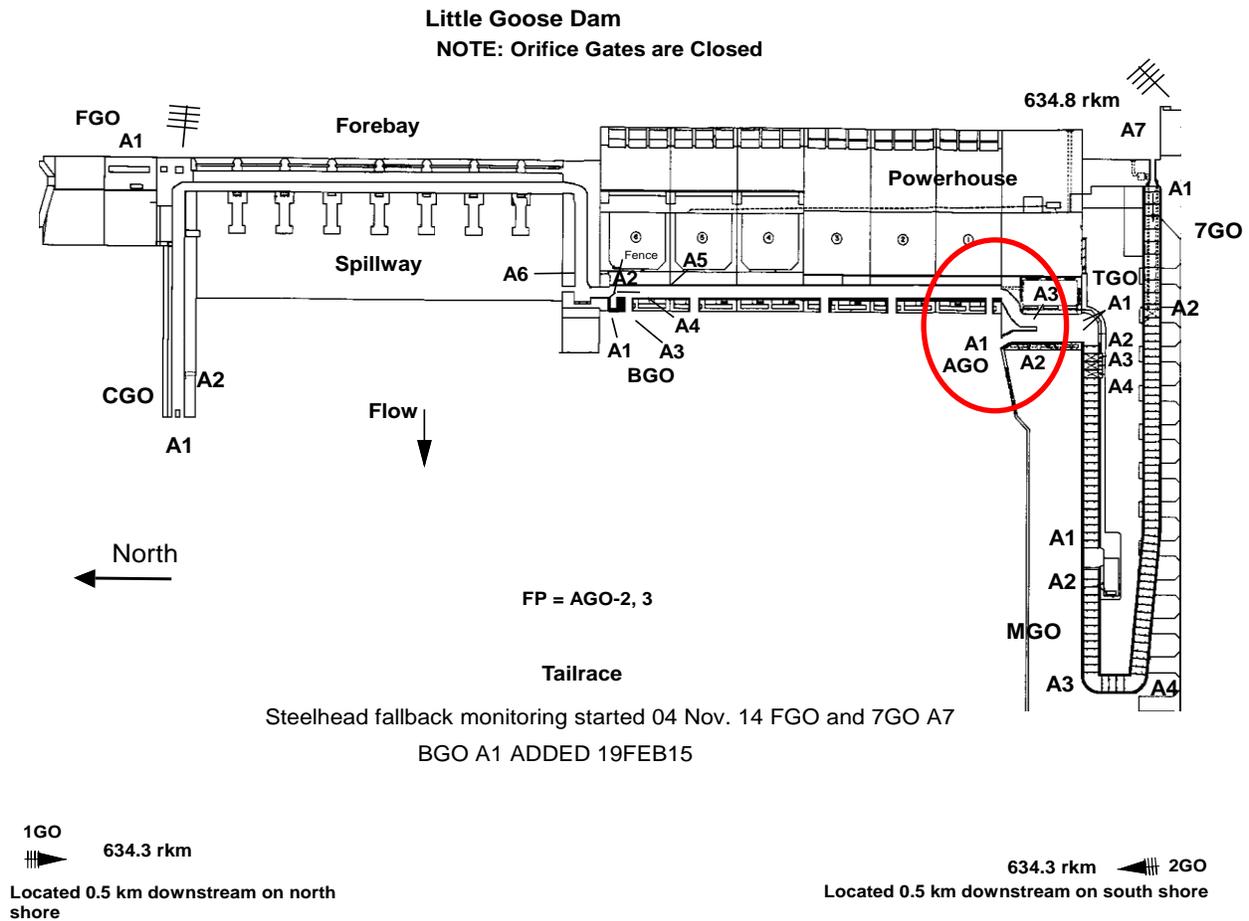
**Notes:**

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BGO A1-A6 and receiver box location.

## AGO: South power house entrance.



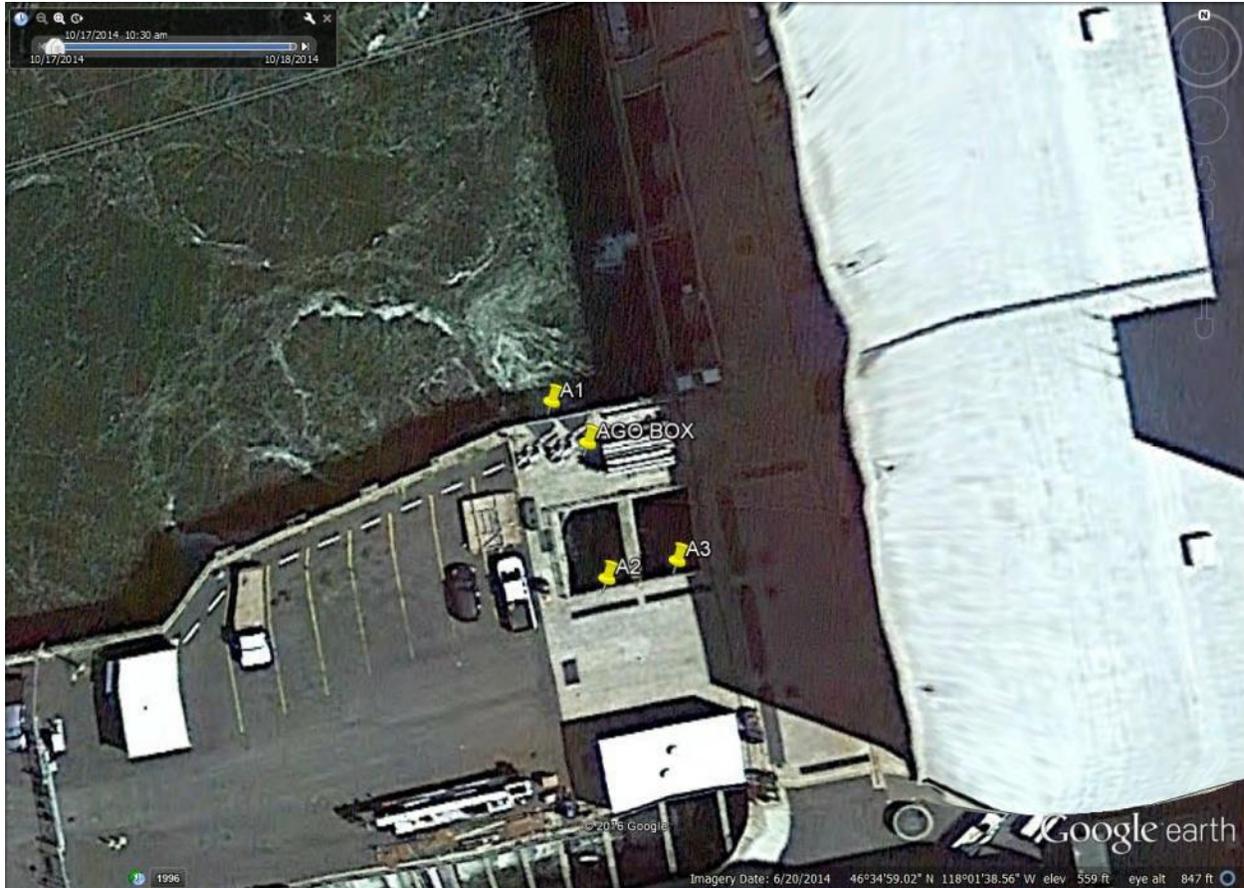
**RKM:** 634.8  
**Receiver type:** SRX/DSP  
**Antennas (3):** A1: one drop in antenna hanging from handrail in the slot.  
 A2: one drop in antenna hanging from handrail in entrance channel upstream side.  
 A3: one drop in antenna hanging from handrail in collection channel upstream side.

**Distance from receiver to antenna:** A1: 15 feet  
 A2: 50 feet  
 A3: 50 feet

**Power source:** Hard wired (AC)

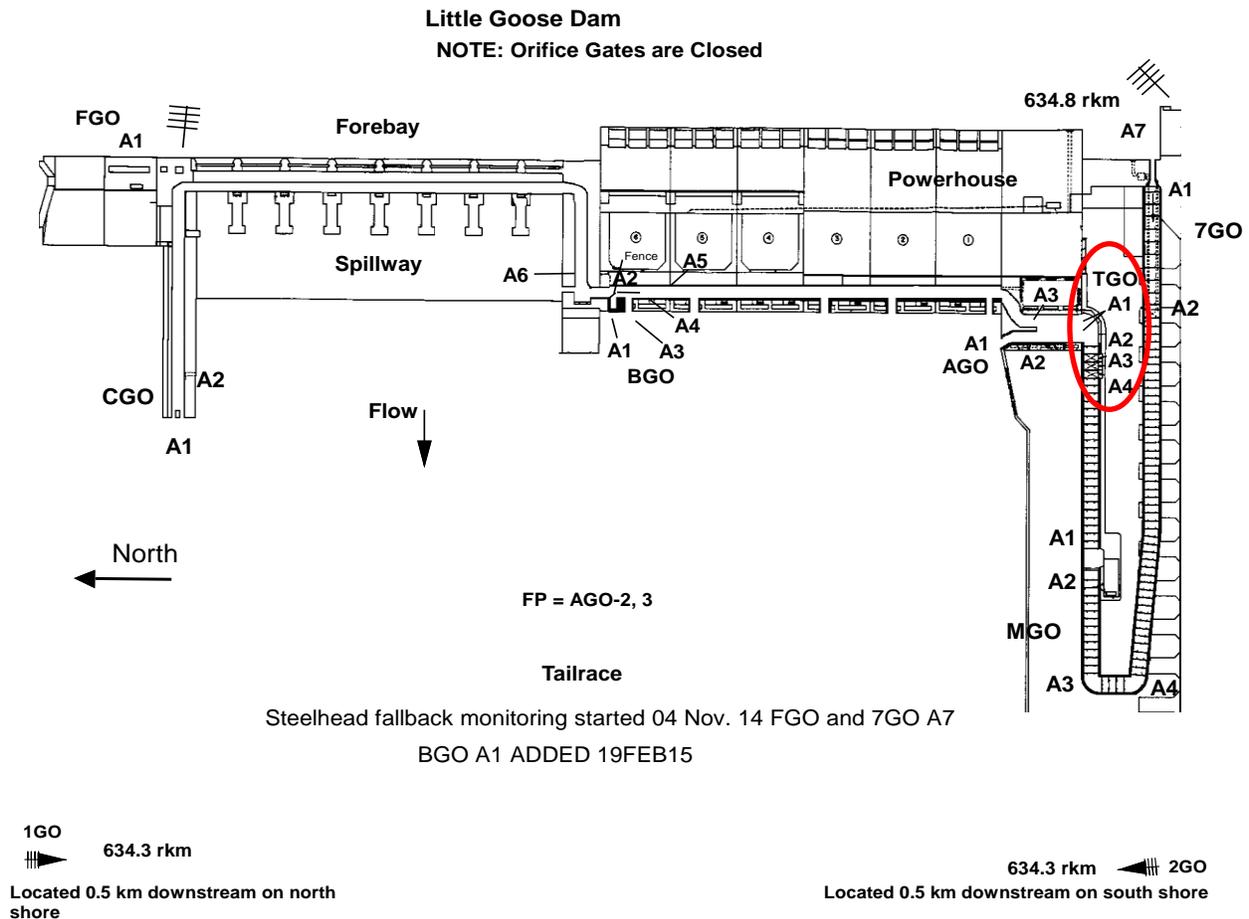
**Notes:**

Appendix D



AGO A1-A3 and receiver box location.

## TGO: Transition pool area.

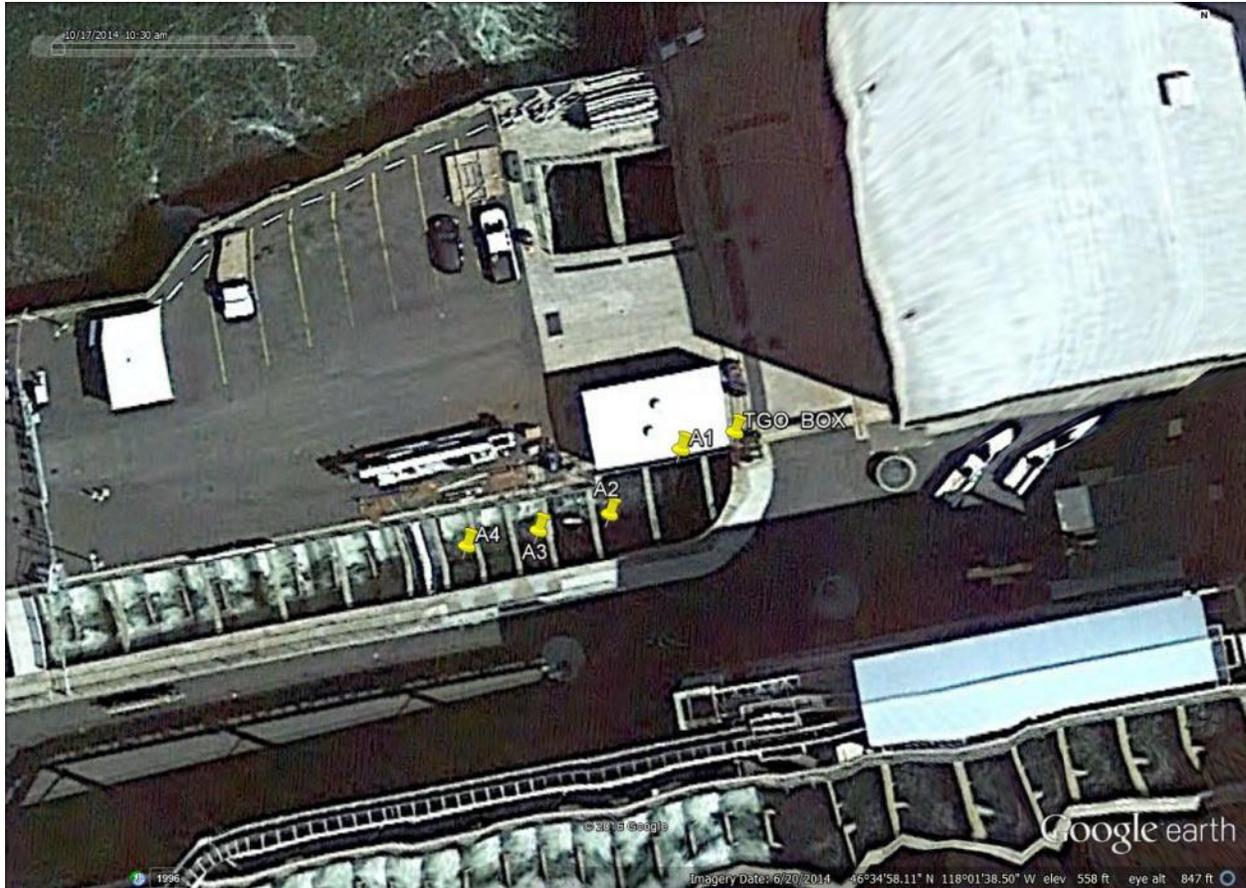


- RKM:** 634.8
- Receiver type:** SRX/DSP
- Antennas (4):**
- A1: two drop in antennas (T'ed) hanging from handrail spaced across channel as it emerges from under roadway deck.
  - A2: one drop in antenna hanging from cable spanning the fishway before weir #1. Elev. 538.
  - A3: one drop in antenna hanging from cable spanning the fishway between weir #2 and #3. Elev. 539-540.
  - A4: one drop in antenna hanging from cable spanning the fishway between weir #4 and #5. Elev. 541-542.

- Distance from receiver to antenna:**
- A1: 15 feet
  - A2: 40 feet
  - A3: 60 feet
  - A4: 80 feet

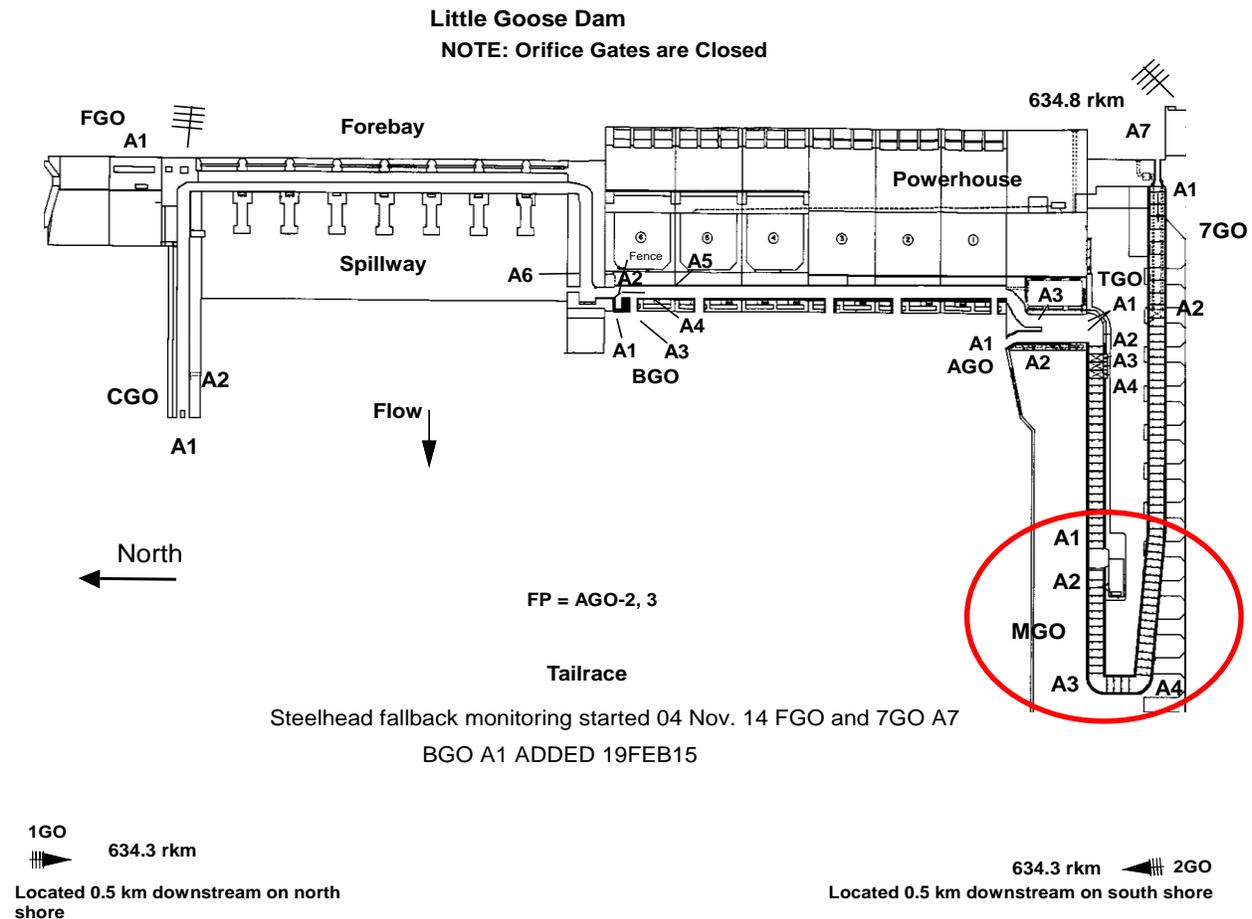
- Power source:** Hard wired (AC)
- Notes:**

Appendix D



TGO A1-A4 and receiver box locations.

## MGO: Count window and turn pool areas.

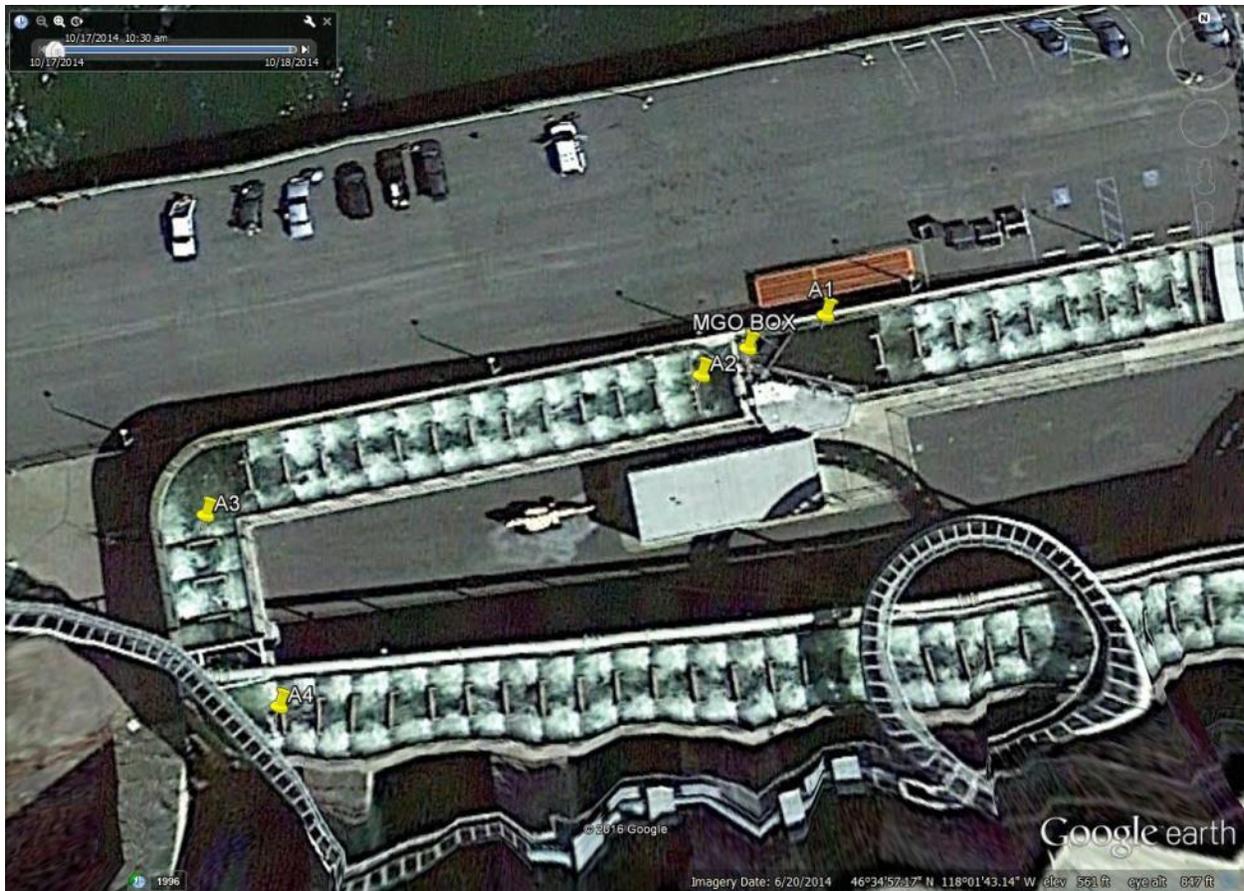


- RKM:** 634.8
- Receiver type:** SRX/DSP
- Antennas (4):**
- A1: one drop in antenna hanging from anti jump-out fence below count window.
  - A2: one conduit antenna mounted on first weir above count window (downstream side).
  - A3: one conduit antenna on first upstream weir in first turn (downstream side).
  - A4: one conduit antenna on first upstream weir in second turn (downstream side).

- Distance from receiver to antenna:**
- A1: 25 feet
  - A2: 40 feet
  - A3: 160 feet
  - A4: 205 feet

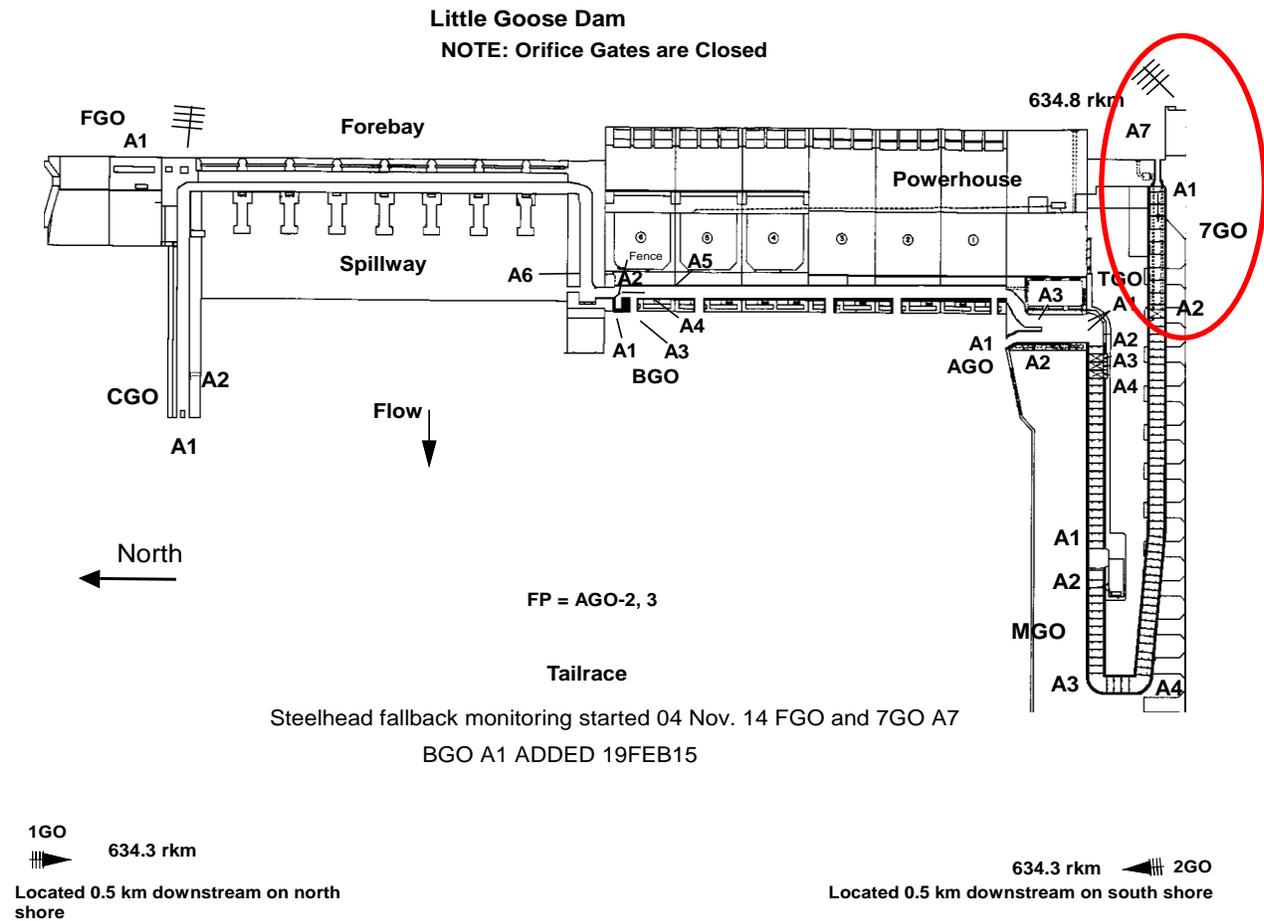
- Power source:** Hard wired (AC)
- Notes:** Line amps needed for A3 and A4.

Appendix D



MGO A1-A4 and receiver box locations.

## 7GO: Top of ladder.



**RKM:** 634.8  
**Receiver type:** SRX/DSP  
**Antennas (3):** A1: one drop in antenna over rail before channel goes under roadway.  
 A2: one drop in antenna from hand rail before first vertical slot weir.  
 A7: one six element yagi pointed to forebay in front of navigation lock.

**Distance from receiver to antenna:** A1: 20 feet  
 A2: 160 feet  
 A7: 5 feet

**Power source:** Hard wired (AC)

**Notes:** Antenna 7 mounted on steel antenna base next to receiver box.

Appendix D



7GO A1, A2, A7 and receiver box location.

## 1GR: South shore tailrace



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**LAT/LON:** 46°40'5.13"N  
117°26'43.18"W

**RKM:** 693.8

**Receiver type:** SRX

**Antennas (1):** A1 – yagi

**Distance from receiver to antenna:** 5 feet

**Power source:** Hard wired (AC)

**Notes:**

Receiver located in fenced bone yard behind trailer next to the fence. Power from extension cord from inside trailer run out the window.

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## 2GR: North shore tailrace



**LAT/LON:** 46°40'9.75"N  
117°26'30.22"W

**RKM:** 693.8

**Receiver type:** SRX

**Antennas (1):** A1 - yagi

**Distance from receiver to antenna:** 5 feet

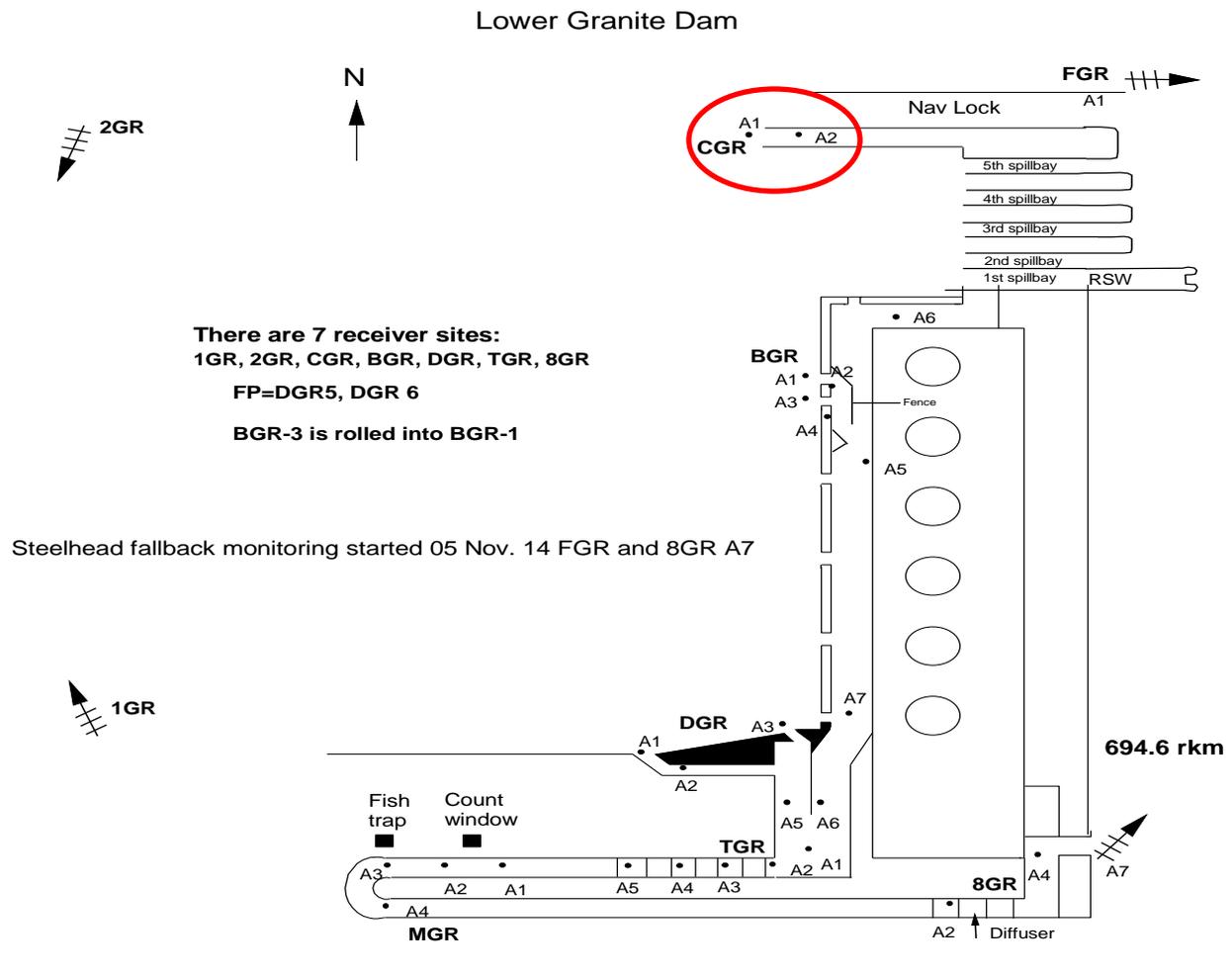
**Power source:** Solar

**Notes:**

Receiver located on hillside above paved Boyer park river trail. Approx. .87 mi upstream from locked gate in Boyer park.



## CGR: North spillway entrance.



**RKM:** 694.6

**Receiver type:** SRX/DSP

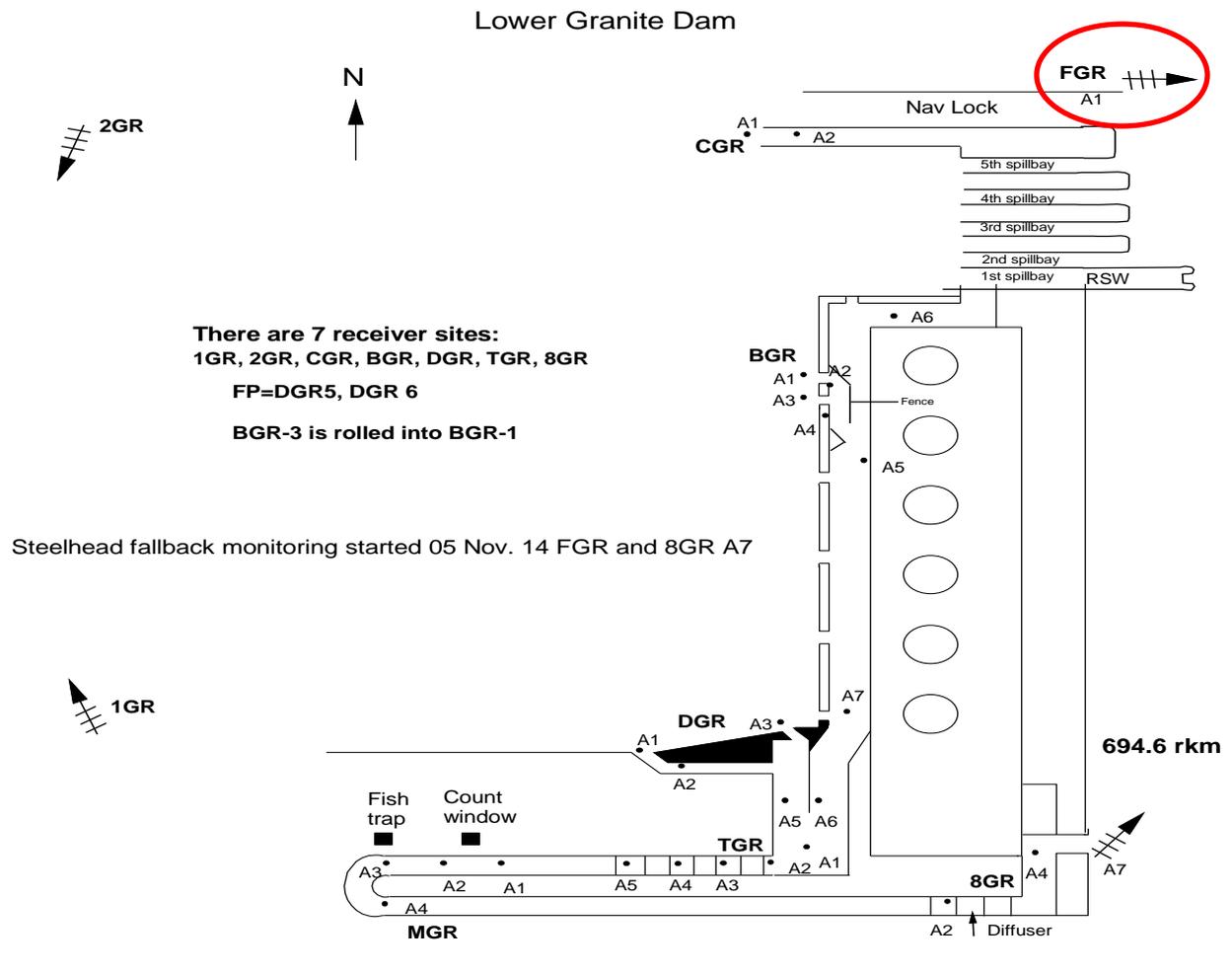
**Antennas (2):** A1: one drop in antenna over rail covering open slot, two ant. T'ed if both slots open.  
A2: one drop in antenna from cable spanning fish way. Approx. XX ft. upstream from entrance slots.

**Distance from receiver to antenna:** A1: 45 feet  
A2: 20 feet

**Power source:** Hard wired (AC)

**Notes:** Receiver box located at entrance area near light pole. Only power source.

## FGR: Nav. lock/north forebay area.



**RKM:** 694.6

**Receiver type:** SRX

**Antennas (1):** A1: one three element yagi pointed to top of nav lock and forebay.

**Distance from receiver to antenna:** A1: 5 feet

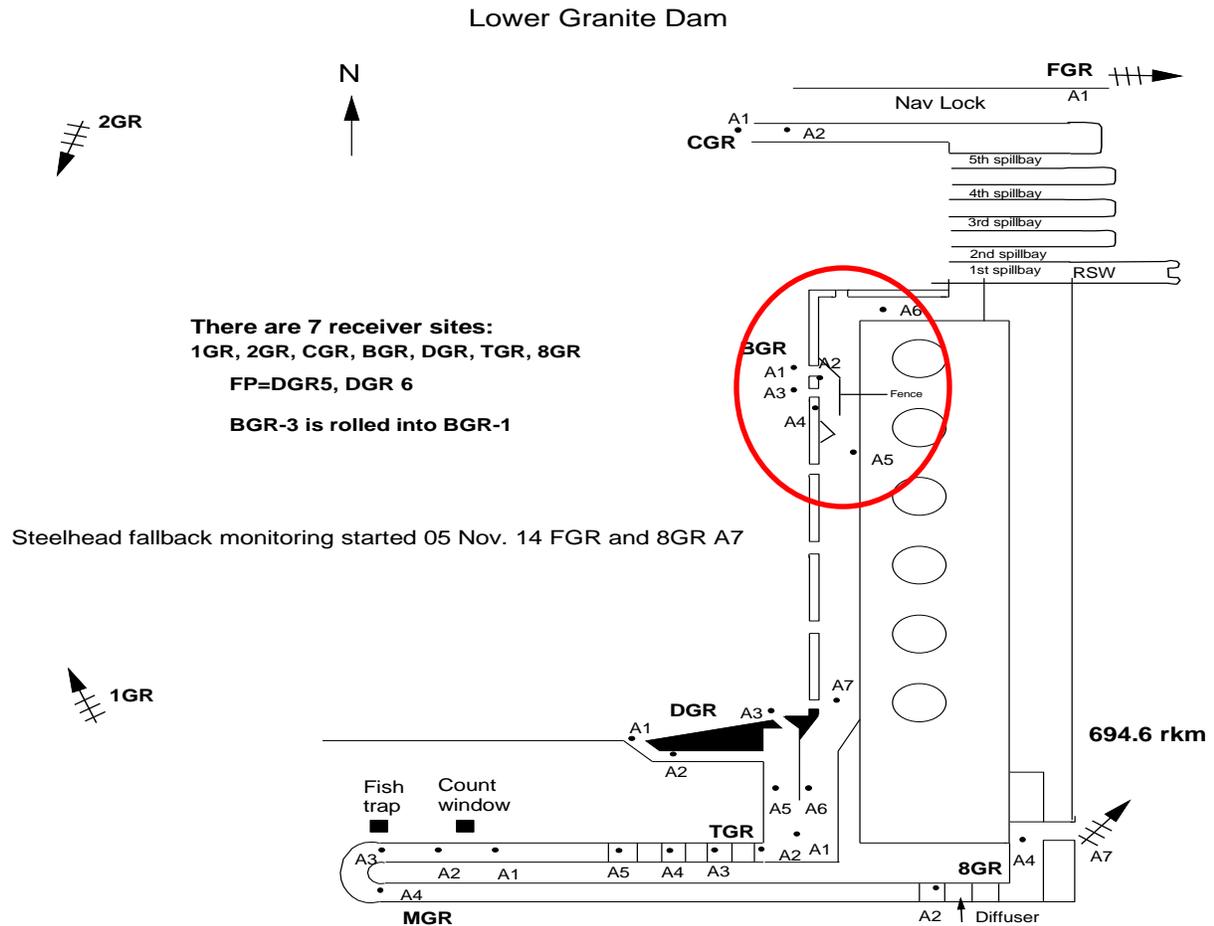
**Power source:** Hard wired (AC)

**Notes:**



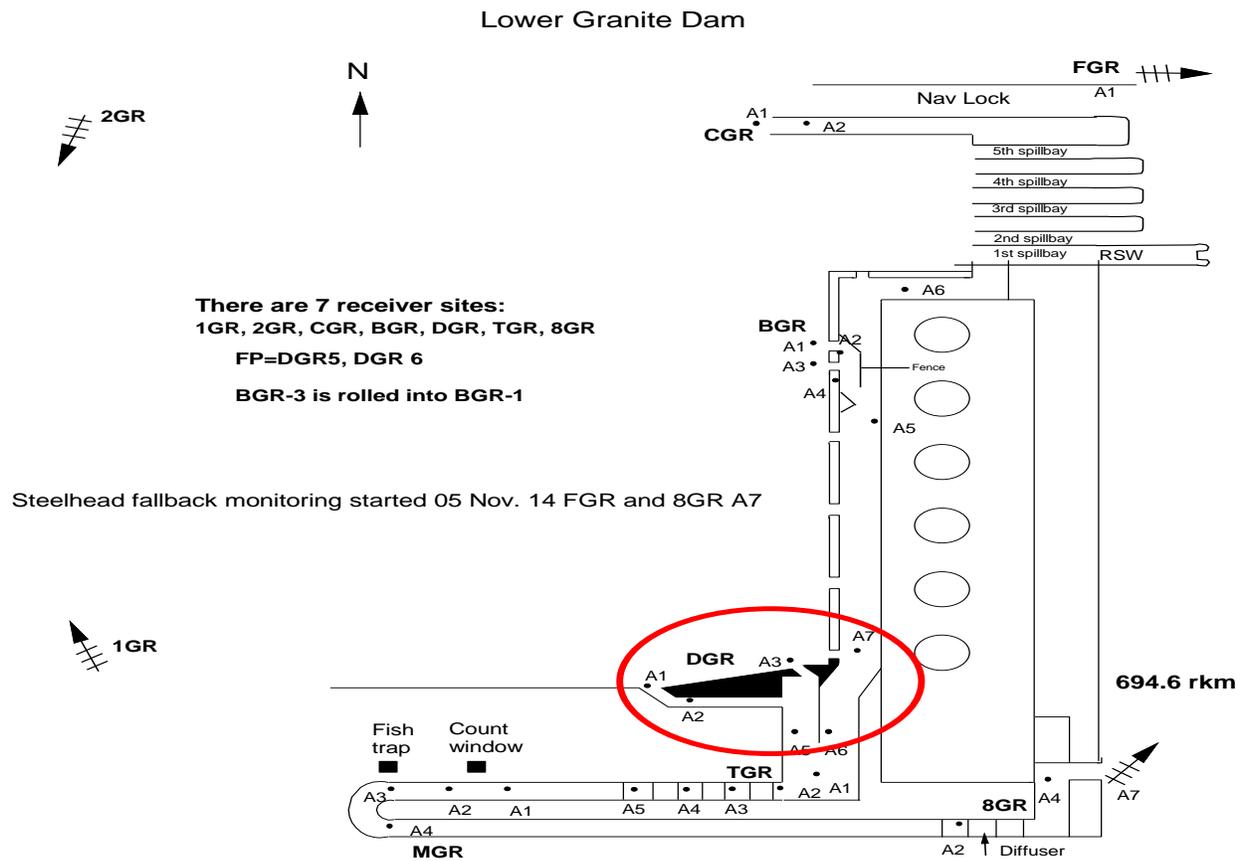
FGR

## BGR: North powerhouse entrance.



<b>RKM:</b>	694.6
<b>Receiver type:</b>	SRX/DSP
<b>Antennas (6):</b>	<p>A1: one drop in antenna hanging from handrail in north slot.</p> <p>A2: one conduit antenna mounted just inside slot to the south.</p> <p>A3: one drop in antenna hanging from handrail in south slot.</p> <p>A4: one conduit antenna mounted just inside slot to the south.</p> <p>A5: one conduit antenna mounted to the power house wall upstream of A4.</p> <p>A6: one drop in antenna hanging from handrail in opening near the spillway</p>
<b>Distance from receiver to antenna:</b>	<p>A1: 90 feet</p> <p>A2: 70 feet</p> <p>A3: 65 feet</p> <p>A4: 50 feet</p> <p>A5: 35 feet</p> <p>A6: 175 feet</p>
<b>Power source:</b>	Hard wired (AC)
<b>Notes:</b>	

## DGR: South powerhouse entrance.



**RKM:** 694.6

**Receiver type:** SRX/DSP

**Antennas (6):**

- A1: One drop in ant. at downstream slot.
- A2: One drop in ant. inside downstream slot through grating.
- A3: One drop in ant. outside upstream slot.
- A5: One drop in ant. inside entrance channel from upstream railing.
- A6: One drop in ant. inside collection channel from upstream railing.
- A7: One drop in ant. inside collection channel near first orifice gate.  
Hanging from bolt in roadway drain hole

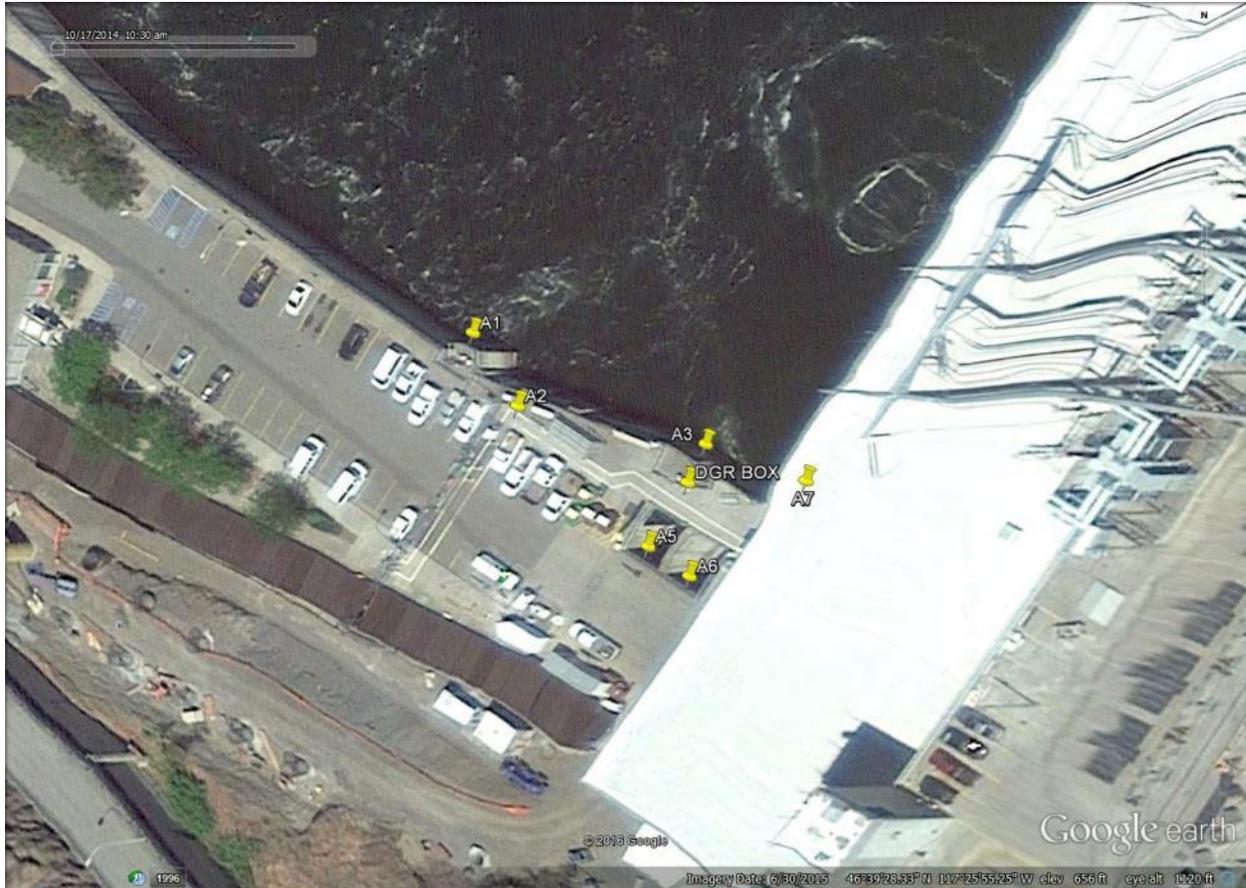
**Distance from receiver to antenna:**

- A1: 125 feet
- A2: 100 feet
- A3: 25 feet
- A5: 50 feet
- A6: 50 feet
- A7: 55 feet

**Power source:** Hard wired (AC)

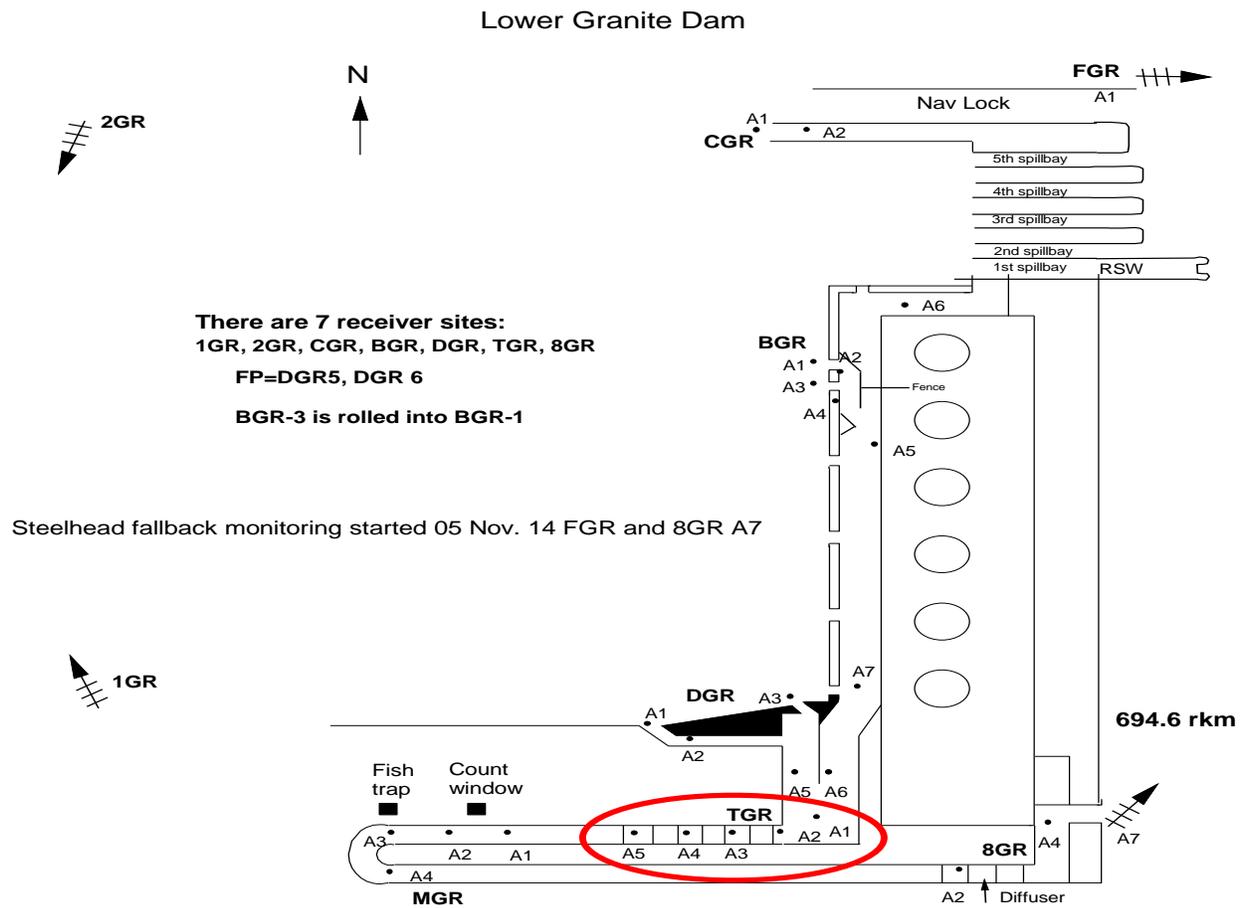
**Notes:**

Appendix D



DGR A1-A3, A5-A7 and receiver box locations.

## TGR: Transition pool.



**RKM:** 694.6

**Receiver type:** SRX/DSP

**Antennas (5):**

- A1: Two drop in ant. t'd from railing at roadway edge.
- A2: One drop in ant. before weir 1
- A3: One drop in ant. between weirs 2, 3
- A4: One drop in ant. between weirs 4, 5
- A5: One drop in ant. between weirs 6, 7

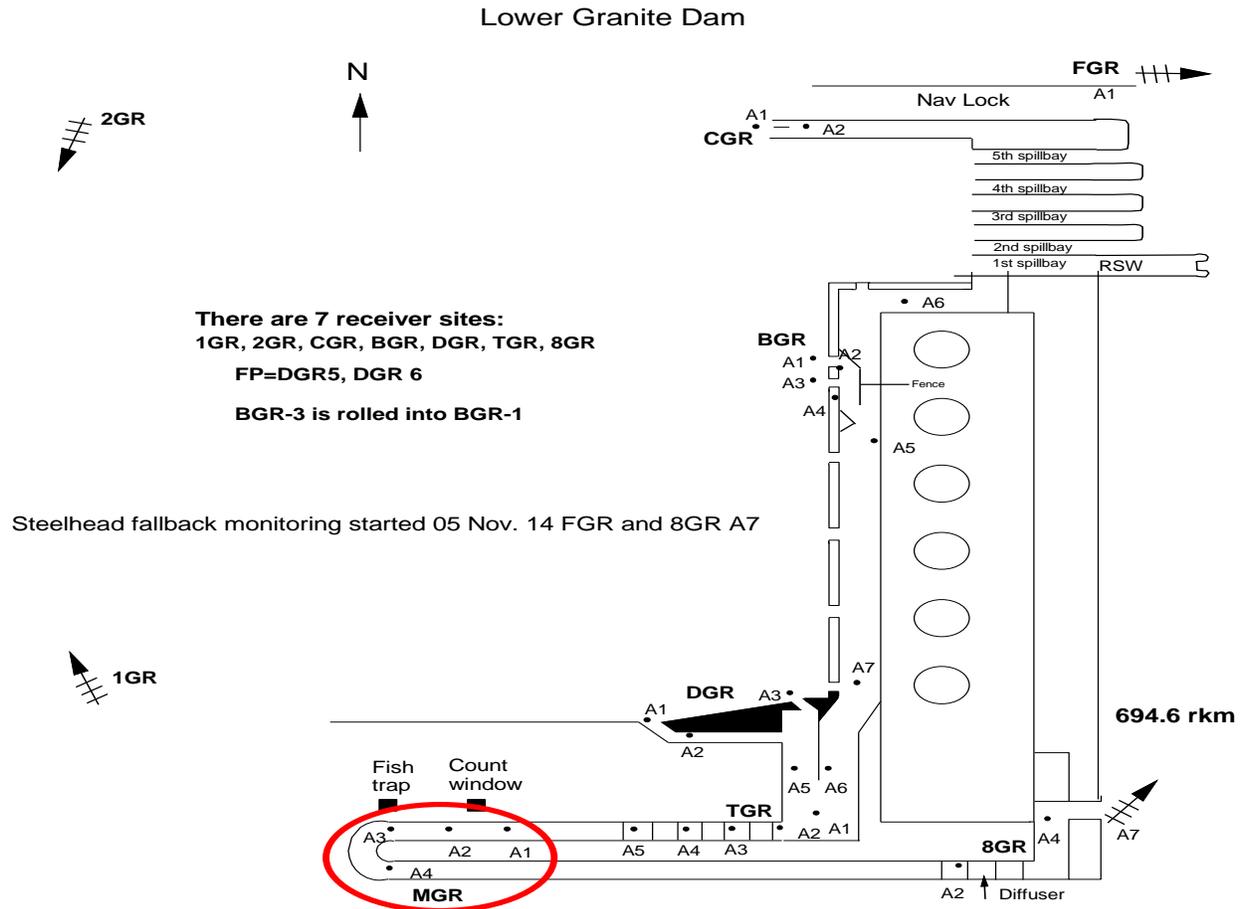
**Distance from receiver to antenna:**

- A1: 30 feet
- A2: 5 feet
- A3: 20 feet
- A4: 40 feet
- A5: 60 feet

**Power source:** Hard wired (AC)

**Notes:**

## MGR: Count window and trap areas.



**RKM:** 694.6

**Receiver type:** SRX/DSP

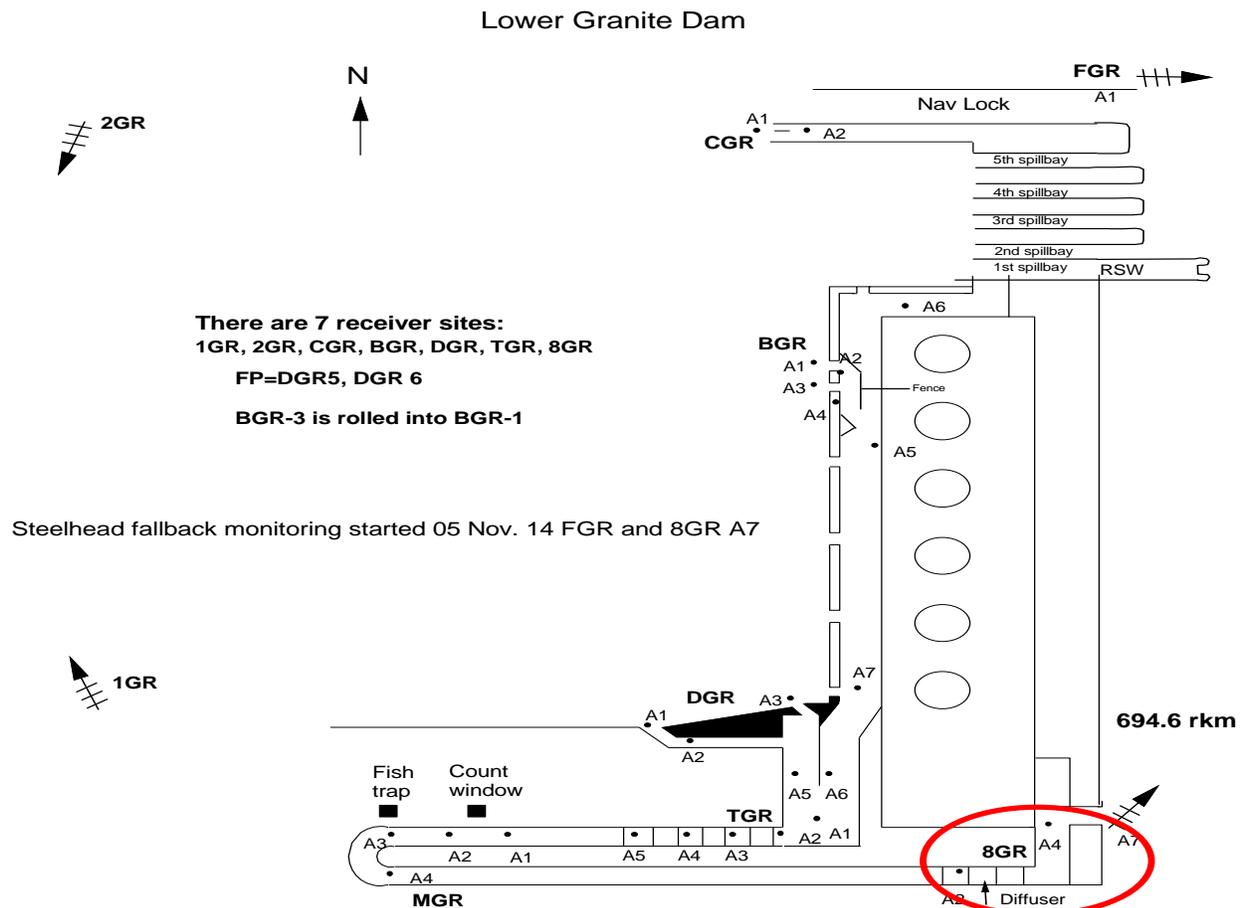
**Antennas (4):**  
 A1: One drop in ant. from cable below count window.  
 A2: One drop in ant. from cable above count window.  
 A3: One drop in ant. from cable below trap entrance, first turn  
 A4: One drop in ant. from cable above trap entrance, second turn.

**Distance from receiver to antenna:**  
 A1: 30 feet  
 A2: 20 feet  
 A3: 130 feet  
 A4: 160 feet

**Power source:** Hard wired (AC)

**Notes:** Receiver box located on deck above count station.

## 8GR: Top of ladder.




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<b>RKM:</b>	694.6
<b>Receiver type:</b>	SRX/DSP
<b>Antennas (3):</b>	A2: One drop in ant. at bottom of access ladder near diffuser. A4: One drop in ant. at the ladder top before going under roadway. A7: One aerial ant. from metal base at receiver box location next to guard shack aimed at forebay.
<b>Distance from receiver to antenna:</b>	A2: 90 feet A4: 20 feet A7: 5 feet
<b>Power source:</b>	Hard wired (AC)
<b>Notes:</b>	Receiver box located on N. side of guard shack.

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