# NORTH

## WILD BLUE GONDOLA LEVEL SPREADER OWNERSHIP AND MAINTENANCE PLAN

CONSTRUCTED IN JULY 2023, MAINTENANCE TO BE PERFORMED BY SSRC

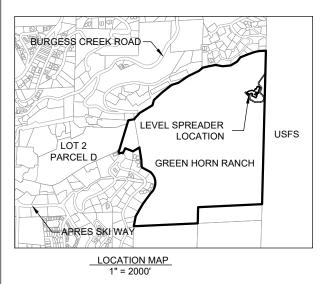


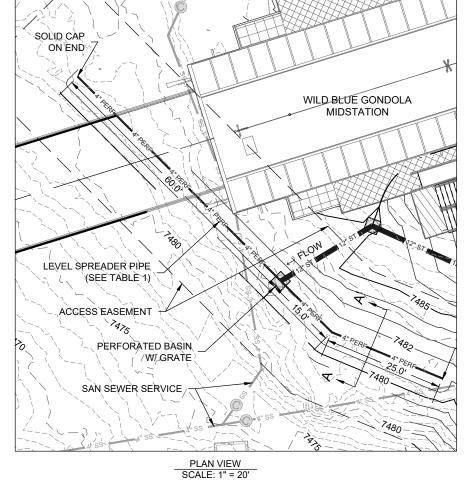


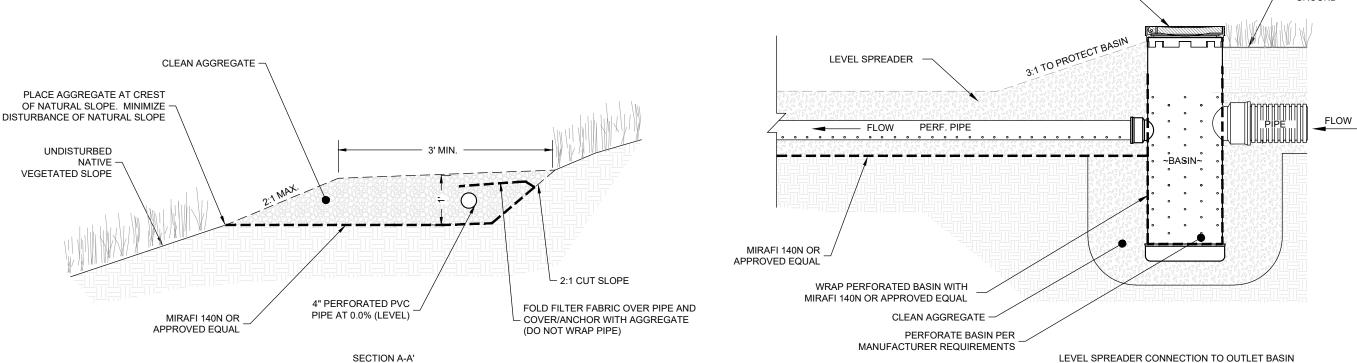
TABLE 1: MATERIALS				
LEVEL SPREADER PIPE	PIPE Ø AND TYPE	MAX SLOT WIDTH (IN.)	MIN. OPEN AREA (PER FT.)	
	4" SLOTTED PVC	0.0320	1.90 in	

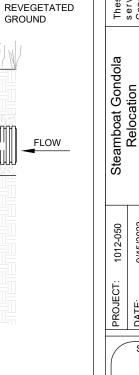
GRATE FOR OUTLET STRUCTURE

### NOTES:

- 1. FOR ADDITIONAL DESIGN INFORMATION REFER TO THE CONSTRUCTION DRAWINGS FOR THIS PROJECT.
- 2. SEE DETAILED NOTES ON THE SECOND SHEET OF THIS PLAN FOR ALL MAINTENANCE REQUIREMENTS.







SHEET

Of 2 Sheets

### WILD BLUE GONDOLA LEVEL SPREADER OWNERSHIP AND MAINTENANCE PLAN CONSTRUCTED IN JULY, 2023, MAINTENANCE TO BE PERFORMED BY SSRC

#### 1. GENERAL PROJECT INFORMATION

2305 MT WERNER CIRCLE, STEAMBOAT SPRINGS, CO

LEGAL DESCRIPTION: LOT D OF THE SKI HILL SUBDIVISION

B. RECEIVING WATER: BURGESS CREEK

C. PROPERTY OWNER: STEAMBOAT SKI AND RESORT COMPANY (SSRC)

JIM SCHNEIDER CONTACT NAME:

2305 MT. WERNER CIRCLE, STEAMBOAT SPRINGS, CO ADDRESS:

PHONE NUMBER: 970-871-5381

EMAIL: jschneider@steamboat.com

D. AGENCY RESPONSIBLE

FOR MAINTENANCE: STEAMBOAT SKI AND RESORT COMPANY (SSRC)

CONTACT NAME: JIM SCHNEIDER

2305 MT WERNER CIRCLE STEAMBOAT SPRINGS CO. ADDRESS:

PHONE NUMBER: 970-871-5381

EMAIL: jschneider@steamboat.com

E. DESIGN ENGINEER: LANDMARK CONSULTANTS, INC.

DEBORAH SPAUSTAT, P.E.

ADDRESS: 141 9TH STREET, STEAMBOAT SPRINGS, CO

PHONE NUMBER: 970-871-9494

EMAIL: debs@landmark-co.com

PE LICENCE NUMBER: 41286

#### 2. GENERAL FACILITY DESCRIPTION

THIS FACILITY IS A LEVEL SPREADER THAT WILL PROVIDE WATER QUALITY TREATMENT FOR USING RUNOFF REDUCTION. THE FACILITY HAS BEEN ADOPTED AND APPROVED BY SSRC AS PART OF THEWILD BLUE GONDOLA] PROJECT. IT WILL RECEIVE RUNOFF FROM 1.39 ACRES AND WILL OCCUPY A PARCEL OF 0.02 ACRES THAT WILL BE USED TO PROVIDE DISTRIBUTION TO CONCENTRATED RUNOFF FLOW, MAINTENANCE, & ACCESS OPERATIONAL ACTIVITIES.

#### 3. INSPECTION & MAINTENANCE FREQUENCY & PROCEDURE

A. THE FOLLOWING ITEMS SHOULD BE INSPECTED

TABLE 1: MAINTENANCE ACTIVITY/FREQUENCY			
ACTIVITY	REQUIRED FREQUENCY		
INSPECT PERFORATED BASIN AND RECORD DEPTH OF SEDIMENT	TWICE ANNUALLY. ONE TIME TO OCCUR IN SPRING AFTER SNOWMELT FROM CONTRIBUTING BASIN IS COMPLETE.		
REMOVE TRASH AND DEBRIS FROM GRATE	WHEN PRESENT AT INSPECTION		
REMOVE ACCUMULATED SEDIMENT	WHEN DEPTH OF SEDIMENT IS GREATER THAN 12"		
INSPECTION OF AGGREGATE AND PIPE TO ENSURE SYSTEM IS NOT CLOGGED AND PIPE IS LEVEL	TWICE ANNUALLY. ONE TIME TO OCCUR IN SPRING AFTER SNOWMELT FROM CONTRIBUTING BASIN IS COMPLETE.		
REMOVAL OF TRASH AND DEBRIS FROM AGGREGATE AND AT END SECTION	WHEN PRESENT AT INSPECTION		
REMOVE END CAP AND JET OUT PIPE	WHEN CLOGGING IS DETECTED		
REPLENISH AGGREGATE TO DEPTH OF 1' B. REVISIONS TO MAINTENANCE FREQUENCY:	WHEN DEPTH OF AGGREGATE IS LESS THAN 10" OR PIPE IS EXPOSED.		
VISUALLY INSPECT OR USE SURVEYS LEVEL TO ENSURE PIPE IS AT A 0% SLOPE	AT TWICE ANNUAL INSPECTION.		
REPLACE 4" PERF PIPE	WHEN PIPE IS CRACKED OR BROCKEN OR OTHERWISE DETERIORATED		

C. TRAFFIC CONTROL: NONE

D. THE FACILITY DOES NOT NOT REQUIRE CONFINED SPACE ENTRY PROCEDURES.

F DEWATERING AND WATER CONTROL: NA

F. SEDIMENT, DEBRIS, & TRASH REMOVAL & DISPOSAL: REMOVAL SHALL BE CONDUCTED IF THERE IS PRESENCE OF TRASH OR DEBRIS AT INSPECTION. SEDIMENT AND DEBRIS SHALL BE REMOVED MANUALLY LISING A SHOVEL OR RAKE AND DISPOSED OF AT A LICENSED. FACILITY. THE LONGEST DISTANCE BETWEEN THE EDGE OF AN ACCESS ROAD AND THE FAR CORNER OF A STRUCTURE REQUIRING SEDIMENT REMOVAL IS 150 FEET.

G VEGETATION MANAGEMENT

SEE SECTION 4 OF THE NOTES ON THIS SHEET.

H WETLAND AREAS ARE NOT ANTICIPATED SEE SECTION 8.0 OF THE NOTES ON THIS SHEET

I. DESCRIBE ADDITIONAL REQUIRED MAINTENANCE PROCEDURES AND FREQUENCIES.-NA SEE TABLE 1

J. MATERIALS TESTING OF SEDIMENT REMOVED FROM SITE IS NOT REQUIRED.

#### 4. EQUIPMENT, STAFFING, AND VEGETATION MANAGEMENT

- A. EQUIPMENT REQUIRED: MAY INCLUDE BUT IS NOT LIMITED TO PUMPS, HOSES, SHOVELS, BUCKETS, RAKES, EXCAVATORS, GENERATORS, SPRAYERS, DATA LOG/INSPECTION
- B. STAFFING: A MINIMUM OF 1 STAFF MEMBER IS REQUIRED TO MAINTAIN TREATMENT

SEED: NO SEED MIXES HAVE BEEN PLANTED AT THE SITE.

- C. MOWING: NONE REQUIRED.
- D. WEEDS & UNDESIRABLE VEGETATION: NOXIOUS WEEDS AND OTHER UNDESIRABLE VEGETATION SHALL BE REMOVED BY- NA

#### 5. SNOW AND ICE CONTROL

A. FACILITY IS NOT LOCATED WITHIN A SNOW STORAGE AREA.

#### 6. RIGHT-OF-WAY, ADJACENT OWNERSHIP, & ACCESS

- A. RIGHT-OF-WAY DESCRIPTION: N/A
- B. ADJACENT OWNERSHIP: N/A
- C. ACCESS INFORMATION AND DETAILS: THE FACILITY IS ACCESSED VIA THE SKI AREA ACCESS ROAD FROM THE THUNDERHEAD EXPRESS LIFT
- D. MAINTENANCE OPERATIONS WILL NOT IMPACT OR OBSTRUCT RIGHT-OF-WAY AND A RIGHT-OF-WAY PERMIT IS NOT REQUIRED

#### 7. HYDRAULIC DESIGN

A. FLOW RATES (CFS):

OUTFLOW **INFLOW** BASE FLOW: NA NA WO EVENT: NA NA 2-YEAR: 1.88-CFS NA 100-YEAR: 5.81-CFS

B VOLUMES DEPTHS & WSELS:

ITEM VOLUME WSEL INVERT

C. WQCV DRAIN TIME = NA EURV DRAIN TIME = NA

#### 8. SENSITIVE AREAS, WETLANDS, & PERMITS

THE SITE HAS NO KNOWN WETLANDS.

#### 9. MISCELLANEOUS INFORMATION

A. PROJECT SURVEY:

EXISTING CONDITIONS AND TOPOGRAPHIC INFORMATION PER CITY GIS DATA AND SUPPLEMENTED WITH LANDMARK CONSULTANTS, INC. ARCHIVED SURVEY FIELD DATA PROJECT BENCHMARK: "X" ON CONCRETE COLLAR OF INLET STRUCTURE, ELEV=6910.60',

B. COORDINATE SYSTEM: THE COORDINATE SYSTEM IS COLORADO COORDINATE SYSTEM, NORTH ZONE, NAD83 (2011), NAVD88, COMBINE SCALE FACTOR: (N)1415866.11(E)2636677.13, 1.000368966.



SURVEYORS



AND : PLAN OWNERSHIP A MAINTENENCE F NOTES

Wild Blue

1012-050

9/15/2023

SHEET

Of 2 Sheets