REVEGETATION COMPOST FERTILIZER APPLICATION, MIXING, AND SEED APPLICATION SST OU SUBAREA 4, REACHES P, Q, R, S, & T, AND B2.12 CELL DEQ CONTRACT NO. 414012

PREPARED FOR

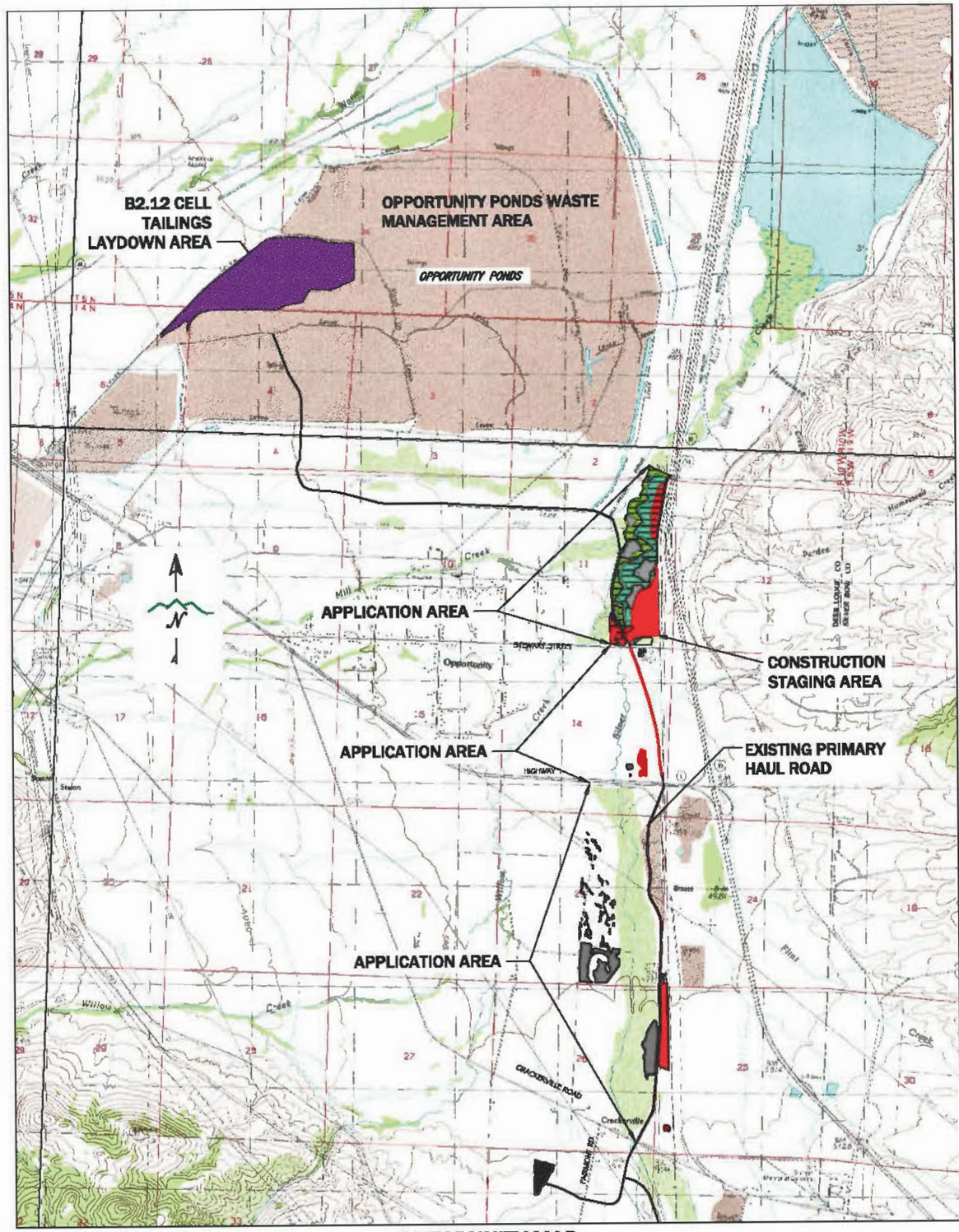
MONTANA DEPARTMENT OF ENVIRONMENTAL QUALITY/

REMEDIATION DIVISION

PREPARED BY

PIONEER TECHNICAL SERVICES, INC.

SEPTEMBER 20, 2013



SITE VICINITY MAP

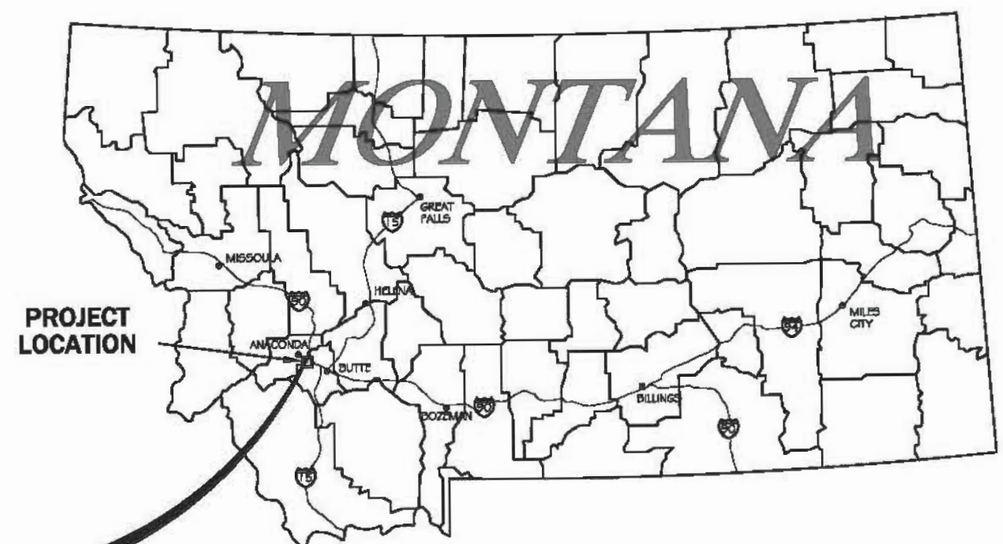


EXHIBIT B

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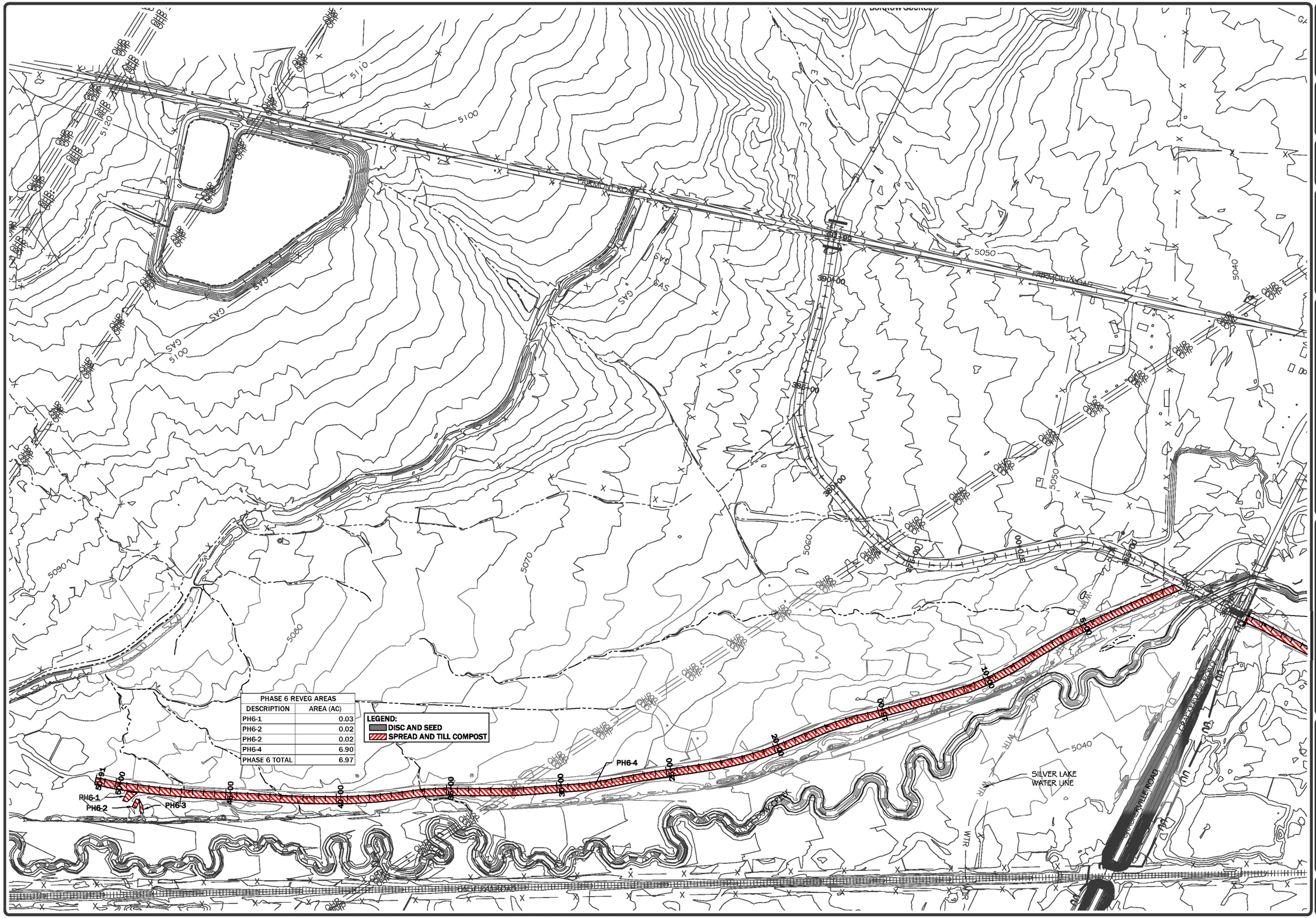

REVISION:

DATE:	BY:	DESC:

DRAWN BY: CR
DESIGNED BY: PL
CHECKED BY: PL
APPROVED BY: PL
PROJECT NO: ----
DATE: 09-09-2013

DISPLAYED AS:
COORD SYS/ZONE: MSP
DATUM: NAD 83
UNITS: FEET
SOURCE: PIONEER

SCALE IN FEET
0 200 400

DEQ
SSTOU SUBAREA 4
REACHES P-T & B2.12 CELL

SEEDING AREAS (CRACKERVILLE SOUTH)

PIONEER TECHNICAL SERVICES, INC.
201 E. BROADWAY, SUITE C
HELENA, MT 59601
(406) 457-8252

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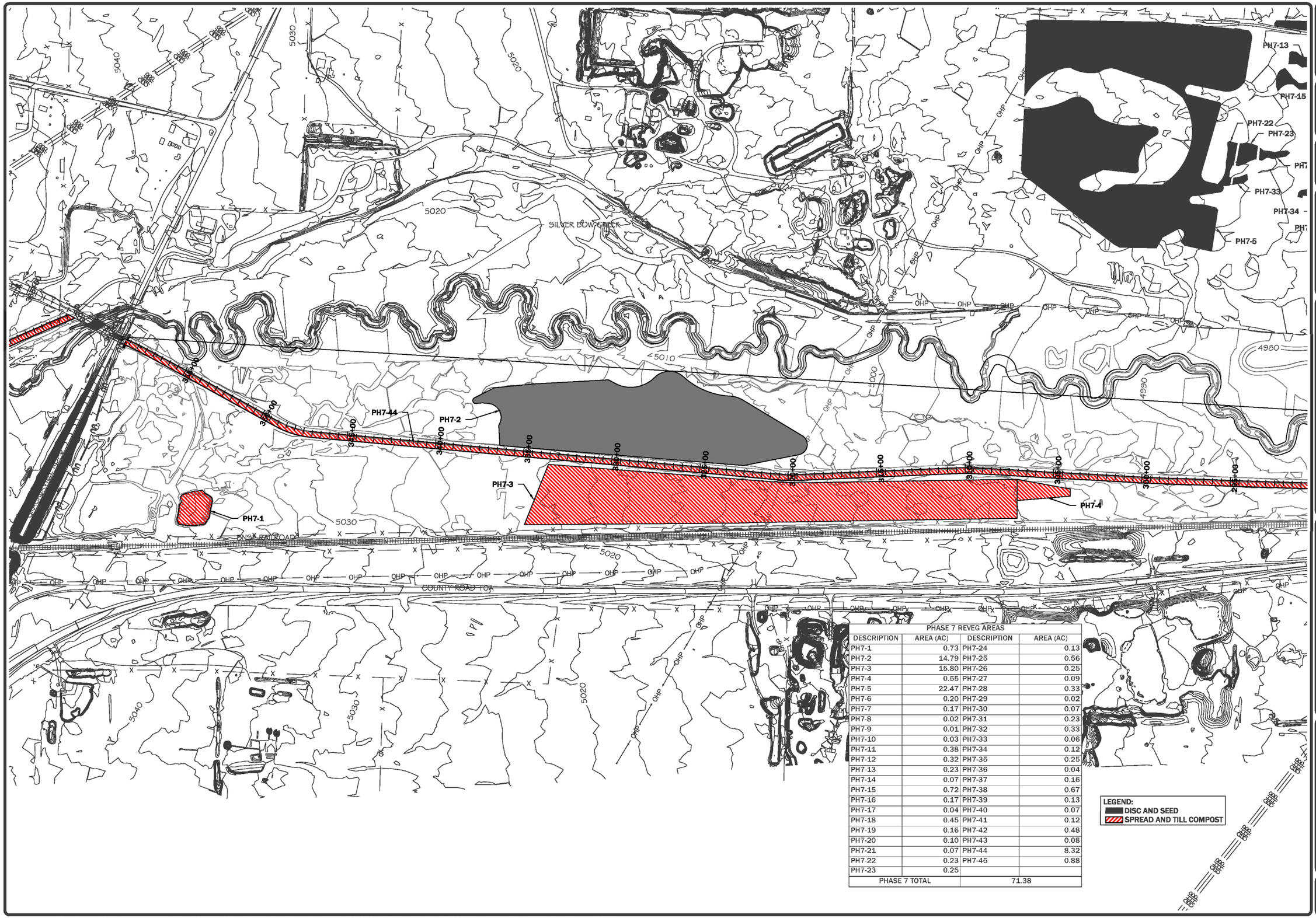

PHASE 7 REVEG AREAS			
DESCRIPTION	AREA (AC)	DESCRIPTION	AREA (AC)
PH7-1	0.73	PH7-24	0.13
PH7-2	14.79	PH7-25	0.56
PH7-3	15.80	PH7-26	0.25
PH7-4	0.55	PH7-27	0.09
PH7-5	22.47	PH7-28	0.33
PH7-6	0.20	PH7-29	0.02
PH7-7	0.17	PH7-30	0.07
PH7-8	0.02	PH7-31	0.23
PH7-9	0.01	PH7-32	0.33
PH7-10	0.03	PH7-33	0.06
PH7-11	0.38	PH7-34	0.12
PH7-12	0.32	PH7-35	0.25
PH7-13	0.23	PH7-36	0.04
PH7-14	0.07	PH7-37	0.16
PH7-15	0.72	PH7-38	0.67
PH7-16	0.17	PH7-39	0.13
PH7-17	0.04	PH7-40	0.07
PH7-18	0.45	PH7-41	0.12
PH7-19	0.16	PH7-42	0.48
PH7-20	0.10	PH7-43	0.08
PH7-21	0.07	PH7-44	8.32
PH7-22	0.23	PH7-45	0.88
PH7-23	0.25		
PHASE 7 TOTAL		71.38	

REVISION:		
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DISPLAYED AS:
COORD SYS/ZONE: MSP
DATUM: NAD 83
UNITS: FEET
SOURCE: PIONEER

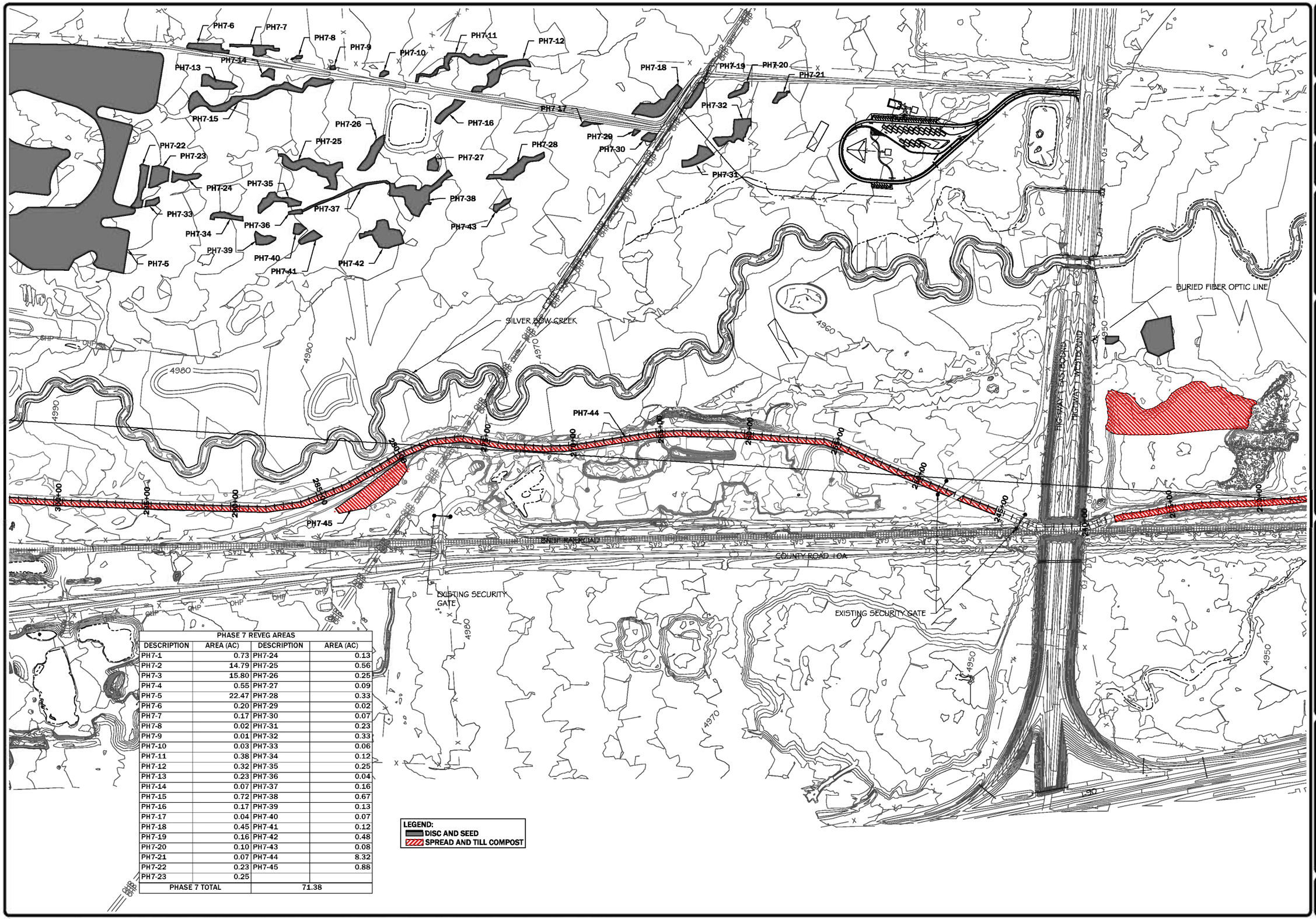
SCALE IN FEET
0 250 500

DEQ
SSTOU SUBAREA 4
REACHES P-T & B2.12 CELL

SEEDING AREAS (CRACKERVILLE ROAD TO HIGHWAY 1)

PIONEER TECHNICAL SERVICES, INC.
201 E. BROADWAY, SUITE C
HELENA, MT 59601
(406) 457-8252

SHEET 3 OF 7



PHASE 7 REVEG AREAS			
DESCRIPTION	AREA (AC)	DESCRIPTION	AREA (AC)
PH7-1	0.73	PH7-24	0.13
PH7-2	14.79	PH7-25	0.56
PH7-3	15.80	PH7-26	0.25
PH7-4	0.55	PH7-27	0.09
PH7-5	22.47	PH7-28	0.33
PH7-6	0.20	PH7-29	0.02
PH7-7	0.17	PH7-30	0.07
PH7-8	0.02	PH7-31	0.23
PH7-9	0.01	PH7-32	0.33
PH7-10	0.03	PH7-33	0.06
PH7-11	0.38	PH7-34	0.12
PH7-12	0.32	PH7-35	0.25
PH7-13	0.23	PH7-36	0.04
PH7-14	0.07	PH7-37	0.16
PH7-15	0.72	PH7-38	0.67
PH7-16	0.17	PH7-39	0.13
PH7-17	0.04	PH7-40	0.07
PH7-18	0.45	PH7-41	0.12
PH7-19	0.16	PH7-42	0.48
PH7-20	0.10	PH7-43	0.08
PH7-21	0.07	PH7-44	8.32
PH7-22	0.23	PH7-45	0.88
PH7-23	0.25		
PHASE 7 TOTAL		71.38	

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SOURCE: PIONEER

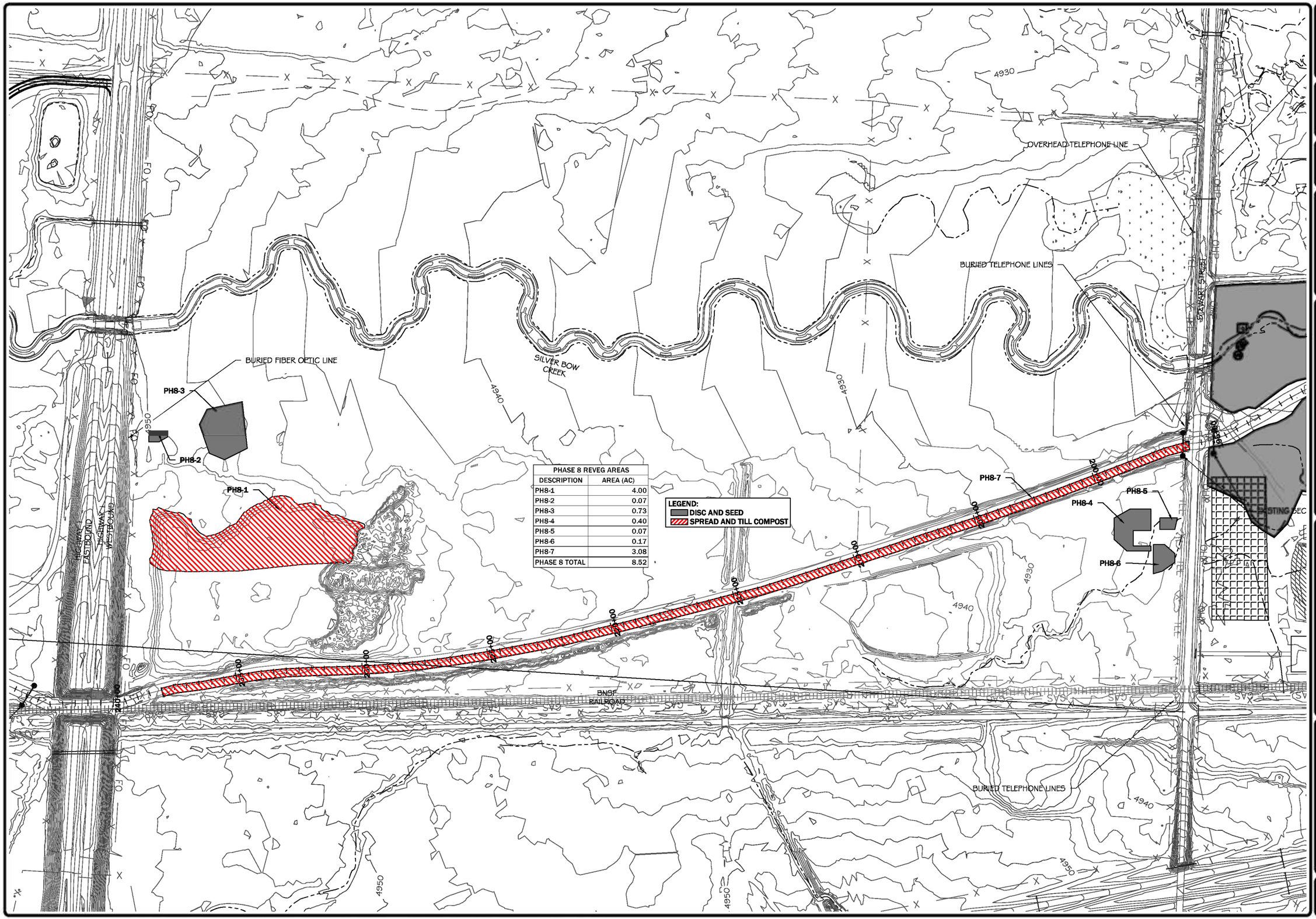
SCALE IN FEET
0 250 500

DEQ
SSTOU SUBAREA 4
REACHES P-T & B2.12 CELL

SEEDING AREAS (CRACKERVILLE ROAD TO HIGHWAY 1)

PIONEER TECHNICAL SERVICES, INC.
201 E. BROADWAY, SUITE C
HELENA, MT 59601
(406) 457-8252

SHEET 4 OF 7



PHASE 8 REVEG AREAS	
DESCRIPTION	AREA (AC)
PH8-1	4.00
PH8-2	0.07
PH8-3	0.73
PH8-4	0.40
PH8-5	0.07
PH8-6	0.17
PH8-7	3.08
PHASE 8 TOTAL	8.52

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COORD SYS/ZONE: MSP
DATUM: NAD 83
UNITS: FEET
SOURCE: PIONEER

SCALE IN FEET
0 125 350

DEQ SSTOU SUBAREA 4 REACHES P-T & B2.12 CELL

SEEDING AREAS (HIGHWAY 1 TO STEWART STREET)

PIONEER TECHNICAL SERVICES, INC.
201 E. BROADWAY, SUITE C
HELENA, MT 59601
(406) 457-8252

SHEET 5 OF 7

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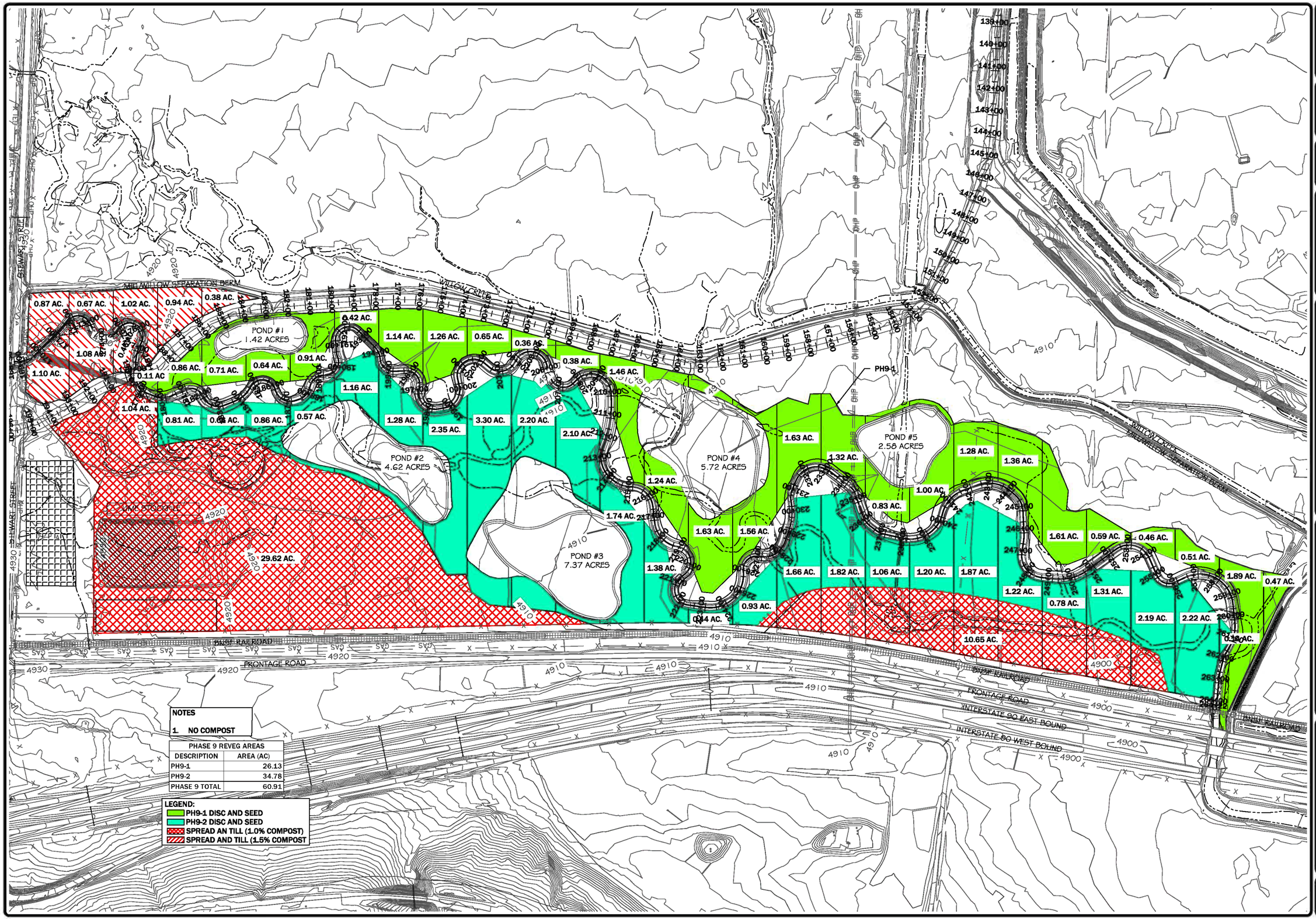

NOTES

1. NO COMPOST

PHASE 9 REVEG AREAS	
DESCRIPTION	AREA (AC)
PH9-1	26.13
PH9-2	34.78
PHASE 9 TOTAL	60.91

LEGEND:
- PH9-1 DISC AND SEED
- PH9-2 DISC AND SEED
- SPREAD AN TILL (1.0% COMPOST)
- SPREAD AND TILL (1.5% COMPOST

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DISPLAYED AS:
COORD SYS/ZONE: MSP
DATUM: NAD 83
UNITS: FEET
SOURCE: PIONEER

DEQ
SSTOU SUBAREA 4
REACHES P-T & B2.12 CELL

SEEDING AREA (PHASE 9 AREA)

PIONEER TECHNICAL SERVICES, INC.
201 E. BROADWAY, SUITE C
HELENA, MT 59601
(406) 457-8252

SHEET 6 OF 7

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B2.12 REVEG AREAS	
DESCRIPTION	AREA (AC)
B2.12-1	53.75
B2.12 TOTAL	53.75

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COORD SYS/ZONE: MSP
DATUM: NAD 83
UNITS: FEET
SOURCE: PIONEER

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SCALE IN FEET
0 250 500

DEQ
SSTOU SUBAREA 4
REACHES P-T & B2.12 CELL

SEEDING AREA B2.12 CELL

PIONEER TECHNICAL SERVICES, INC.
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SHEET 7 OF 7