Site Name: ROAD SLOPES '90 — Exposure: V

Year	Date	Qualitative: Slope	Animal Use	Erosion	Quantitative Cover: Total Living	Litter	Bareground	Rock	% Composition: Shrubs	Forbs	Grasses	Density	Productivity
1999	AUG. 23–27	V	S	S	37.67	11.33	13.00	38.00	24.22	18.07	57.71	–	–
2000	AUG. 28–SEPT. 2	V	S	N	NOT SAMPLED				NOT SAMPLED				

Site Name: TOPSOIL STOCKPILES '90 — Exposure: V

Year	Date	Qualitative: Slope	Animal Use	Erosion	Quantitative Cover: Total Living	Litter	Bareground	Rock	% Composition: Shrubs	Forbs	Grasses	Density	Productivity
1999	AUG. 23–27	V	S	S	37.00	9.50	16.00	37.50	34.71	12.50	52.79	–	–
2000	AUG. 28–SEPT. 2	V	S	N	NOT SAMPLED				NOT SAMPLED				

Site Name: SUBSOIL STOCKPILE '90 — Exposure: V

Year	Date	Qualitative: Slope	Animal Use	Erosion	Quantitative Cover: Total Living	Litter	Bareground	Rock	% Composition: Shrubs	Forbs	Grasses	Density	Productivity
1999	AUG. 23–27	V	N	S–M	26.67	10.00	57.08	6.25	44.56	26.03	29.40	–	–
2000	AUG. 28–SEPT. 2	V	N	S–M	NOT SAMPLED				NOT SAMPLED				

Site Name: SEDIMENT POND BANKS '90 — Exposure: V

Year	Date	Qualitative: Slope	Animal Use	Erosion	Quantitative Cover: Total Living	Litter	Bareground	Rock	% Composition: Shrubs	Forbs	Grasses	Density	Productivity
1999	AUG. 23–27	V	S	N	32.00	10.00	30.00	28.00	56.12	3.67	40.21	–	–
2000	AUG. 28–SEPT. 2	V	S	N	NOT SAMPLED				NOT SAMPLED				

Site Name: REFUSE BERM '91 — Exposure: S

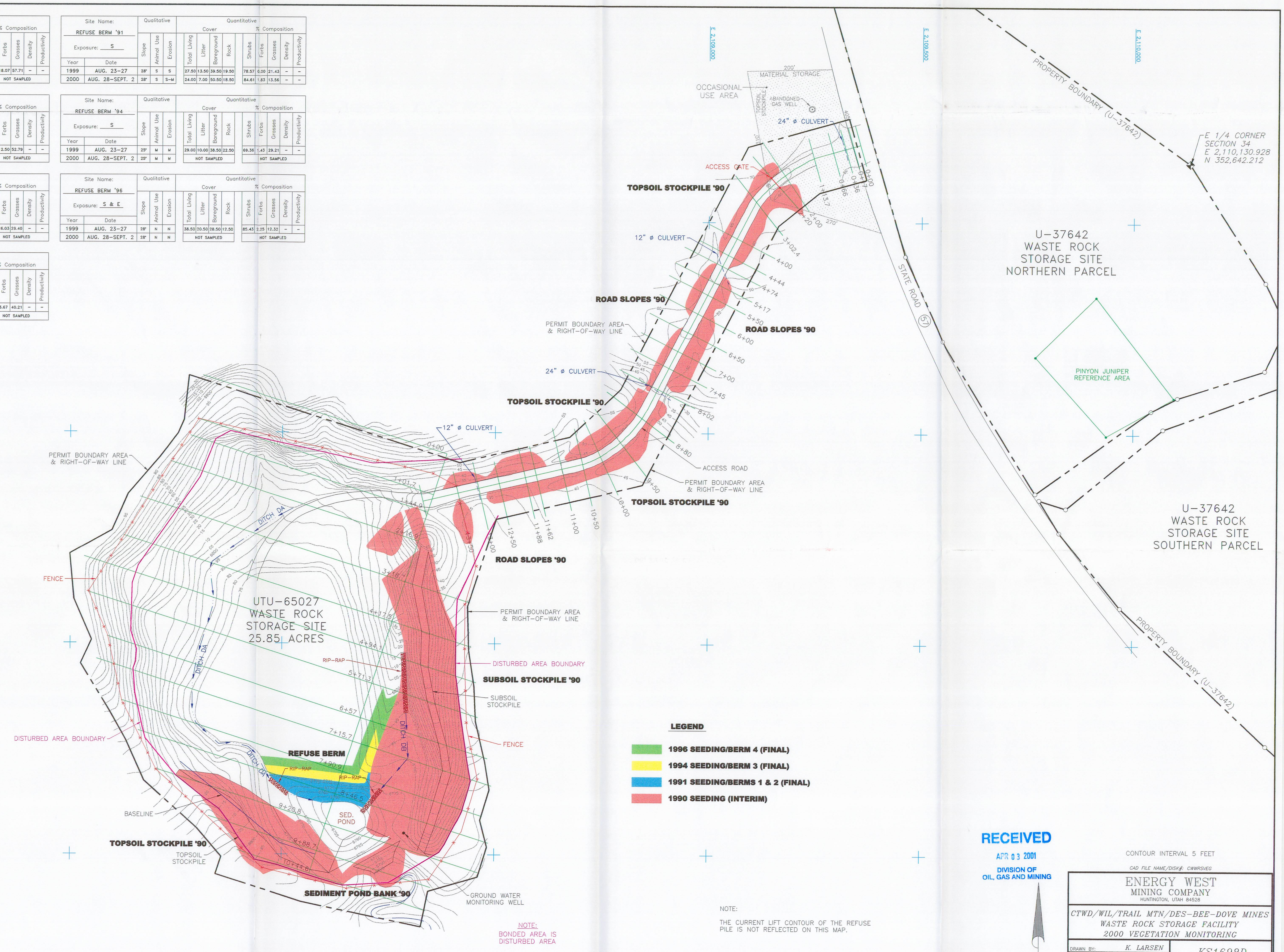
Year	Date	Qualitative: Slope	Animal Use	Erosion	Quantitative Cover: Total Living	Litter	Bareground	Rock	% Composition: Shrubs	Forbs	Grasses	Density	Productivity
1999	AUG. 23–27	28°	S	S	27.50	13.50	39.50	19.50	78.57	0.00	21.43	–	–
2000	AUG. 28–SEPT. 2	28°	S	S–M	24.00	7.00	50.50	18.50	84.61	1.83	13.56	–	–

Site Name: REFUSE BERM '94 — Exposure: S

Year	Date	Qualitative: Slope	Animal Use	Erosion	Quantitative Cover: Total Living	Litter	Bareground	Rock	% Composition: Shrubs	Forbs	Grasses	Density	Productivity
1999	AUG. 23–27	25°	M	M	29.00	10.00	38.50	22.50	69.36	1.43	29.21	–	–
2000	AUG. 28–SEPT. 2	25°	M	M	NOT SAMPLED				NOT SAMPLED				

Site Name: REFUSE BERM '96 — Exposure: S & E

Year	Date	Qualitative: Slope	Animal Use	Erosion	Quantitative Cover: Total Living	Litter	Bareground	Rock	% Composition: Shrubs	Forbs	Grasses	Density	Productivity
1999	AUG. 23–27	28°	N	N	38.50	20.50	28.50	12.50	85.43	2.25	12.32	–	–
2000	AUG. 28–SEPT. 2	28°	N	N	NOT SAMPLED				NOT SAMPLED				



LEGEND

- 1996 SEEDING/BERM 4 (FINAL)
- 1994 SEEDING/BERM 3 (FINAL)
- 1991 SEEDING/BERMS 1 & 2 (FINAL)
- 1990 SEEDING (INTERIM)

NOTE:
BONDED AREA IS DISTURBED AREA

NOTE:
THE CURRENT LIFT CONTOUR OF THE REFUSE PILE IS NOT REFLECTED ON THIS MAP.

LICENSED PROFESSIONAL ENGINEER — JOHN CHRISTENSEN — No. 165651 — STATE OF UTAH

John Christensen 3/21/01
JOHN CHRISTENSEN NO. 165651 DATE

I CERTIFY THAT I AM A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF UTAH AND DO ALSO CERTIFY THAT THIS DRAWING/PLAN IS ACCURATE IN DEPICTING THE RIGHT-OF-WAY AND PERMIT BOUNDARY TO THE BEST OF MY KNOWLEDGE AND BELIEF.

RECEIVED
APR 03 2001
DIVISION OF OIL, GAS AND MINING

CONTOUR INTERVAL 5 FEET

CAD FILE NAME/DISK#: CWWRSVEG

ENERGY WEST
MINING COMPANY
HUNTINGTON, UTAH 84528

CTWD/WIL/TRAIL MTN/DES-BEE-DOVE MINES
WASTE ROCK STORAGE FACILITY
2000 VEGETATION MONITORING

DRAWN BY: K. LARSEN	DRAWING #: KS1698D
SCALE: 1"=100'	
DATE: MARCH 26, 1997	SHEET 1 OF 1 REV.