



California Timberlands Division

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**2022 Annual Work Plan for the
Master Agreement for Timber Operations and
Road Management Waste Discharge Requirements**

Pursuant to the Master Agreement for Timber Operations (MATO) (1600-2010-0114-R1) issued by the Department of Fish and Game (DFG) and the Road Management Waste Discharge Requirements (RMDR) (R1-2010-0044) issued by the North Coast Regional Water Quality Control Board (NCRWQCB) an Annual Work Plan (AWP) is required to be submitted by Green Diamond Resource Co (GDRCo) describing all planned activities for 2022 for enrollment under these permits.

The activities proposed under this AWP include a significant amount of upgrading and decommissioning in this Annual Work Plan related to THPs. The sites included are THPs which have completed review through the Second Review team. It is anticipated that additional sites will be amended to this Annual Work Plan as "New Site Revisions" as THPs are approved through the season up to October. THP-related work will occur in the following areas: Smith River; Coastal Klamath; Coastal Lagoons; Humboldt Bay; Eel River; and Sproul Creek. One minor amendment in the Coastal Klamath area is also included.

Water drafting activities are located in proximity to harvesting activities scheduled for 2022 on the property. All previous water drafting sites notified in the 2010 through 2021 Annual Work Plans are included. It is not expected that all sites will be utilized but are included to provide operational flexibility. A monthly water drafting report will be submitted to DFG no later than 30 days after water drafting activities are reviewed and commence on the sites disclosed under this Plan.

Maps and culvert calculations, where applicable, are located prior to the Road Work Orders for each distinct project area or THP. For sites associated with THPs the individual THP maps are included for each referenced plan.

The review requirements for wildlife, plants, archaeology, and non-fish aquatic vertebrates (refer to Section B and Attachments 1 through 3 of the MATO) are on-going for all non-THP related sites. No operations will be conducted prior to notification from GDRCo Conservation Planning Department staff that all surveys are complete, and any mitigation measures are revised into the Annual Work Plan for any affected site. A Planned Site Revision will be submitted for any project requiring additional mitigation measures as a result of these survey efforts.

All sites included in this AWP for THP-related notifications shall follow all wildlife, botanical and archaeological restrictions set forth in the respective THPs. For specific information regarding any restrictions or mitigation requirements please refer to Section II of the respective THP.

An Annual Report will be submitted on March 31 summarizing the work completed in 2022.

All correspondence should be directed to the following designated contact person for GDRCo:

Nalani Ludington
AHCP Roads Lead Tech
P.O Box 68
Korbel, California 95550

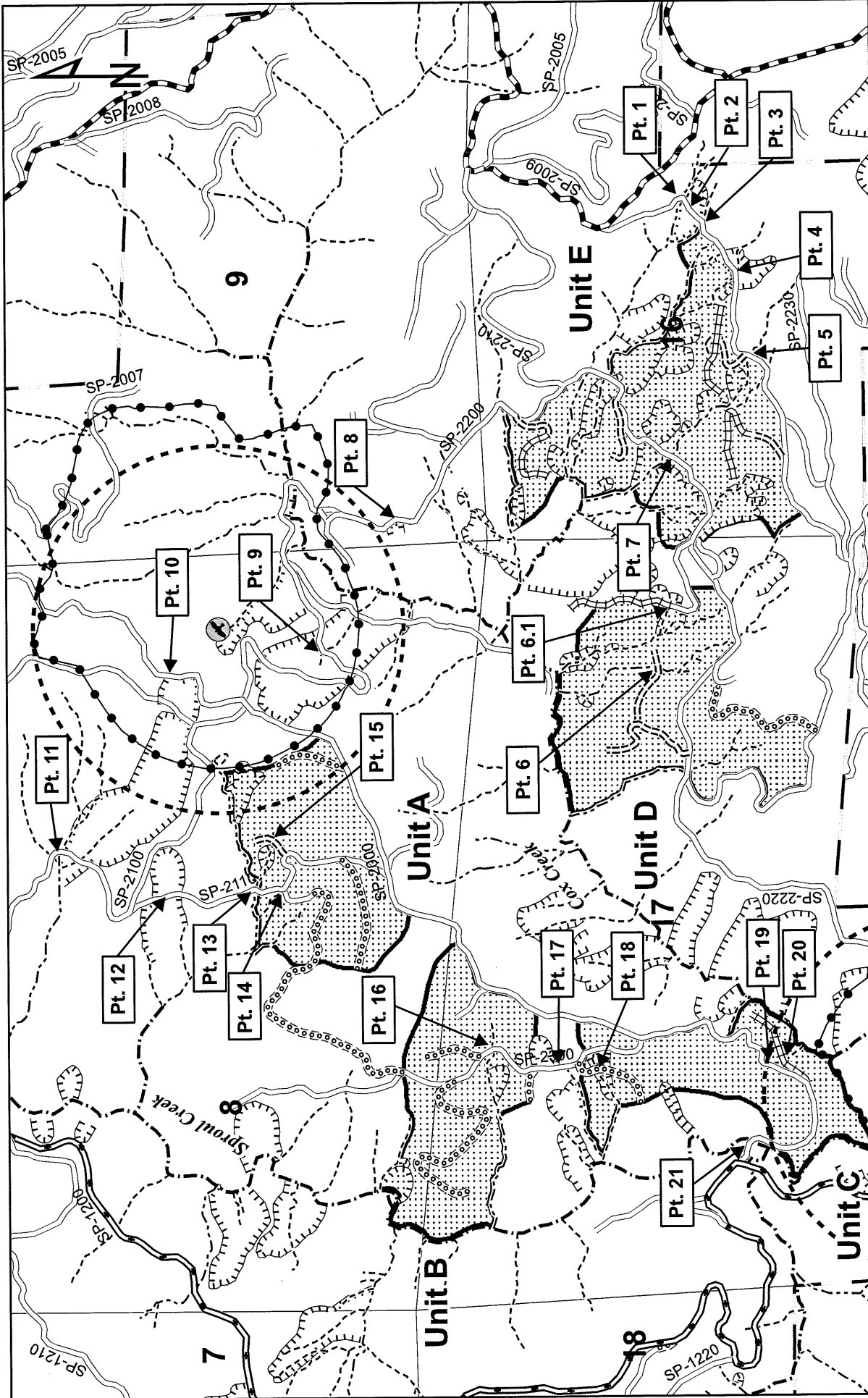
Email: Nalani.Ludington@greendiamond.com

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Mobile phone: (209) 628-1253

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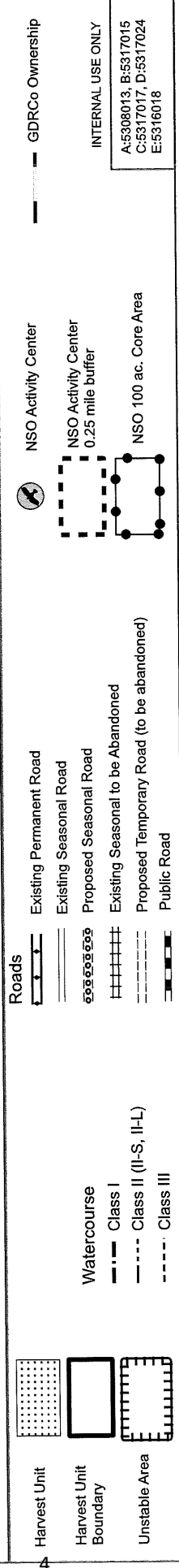


Scale:
1:12,000
1 inch = 1,000 feet

Sections 8, 9, 16, 17; T5S, R3E; HBM

Cox Creek THP
GDRCo #01-1905
Road Construction/Location Map

GREEN DIAMOND
RESOURCE COMPANY





TMIS - Culvert Report

| SiteId | THP# | RDpts# | Acres | Length (Miles) | lower Elevation | Upper Elevation | Altitude | TC | cfs | C.Diam (inches) | C.Diam,Int (inches) | Method |
|----------|--------|--------|-------|-------------------|--------------------|--------------------|----------|------|-------|--------------------|------------------------|----------|
| 10435008 | 011905 | 05 | 7.18 | 0.26 | 1433 | 1777 | 309.6 | 3.47 | 7.99 | 24 | 14.87 | Rational |
| 10435007 | 011905 | 07 | 24.53 | 0.43 | 1158 | 1777 | 557.1 | 4.94 | 27.3 | 36 | 33.2 | Rational |
| 10434985 | 011905 | 11 | 33.18 | 0.44 | 809 | 1462 | 587.7 | 4.97 | 36.93 | 42 | 37.61 | Rational |
| 10434987 | 011905 | 13 | 19.12 | 0.28 | 894 | 1267 | 335.7 | 3.66 | 21.28 | 36 | 30.19 | Rational |

| | | | | | | | |
|--|----------------|-----------|--|---------------------------------|---|-------------|----|
| GDRCo# | 011905 | | | GDRCo Name | Cox Creek | | |
| State THP# | 1-21-00175-Hum | | | Calwater Watershed | Upper Sproul Creek | 1111.320703 | |
| Road Point | 01 | | | Legal Description | T05S | R03E | 16 |
| Road Name | SP-2200 | | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 428150 | E:4430910 | | Wildlife Restrictions | NO | | |
| Work Type | THP | | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | | | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | | |
| CURRENT CONDITION : Class II watercourse braided into two separate channels deliver to 30" culvert inlet at inboard road edge. Channel becomes braided in large, low gradient unstable area upstream of culvert. Inlet of culvert bent. | | | | | | | |
| TREATMENT : Excavate to TOP 1 and TOP 2 flag as necessary to better align flow to inlet of culvert. Excavation between the channels should not extend uphill of the line flagged in orange/geology flagging. Rock line excavated portions of channels and headwalls of excavation. Repair bent inlet of culvert. | | | | | | | |
| Excavated Volume | 0 | | | Erosion Potential | Low | | |
| Delivery Volume | 0 | | | AHCP Priority | Low | | |
| Disturbed Surface Area | 0 | | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|-------------------------------------|----------------|-----------|---------------------------------|---|-------------|----|
| GDRCo# | 011905 | | GDRCo Name | Cox Creek | | |
| State THP# | 1-21-00175-Hum | | Calwater Watershed | Upper Sproul Creek | 1111.320703 | |
| Road Point | 03 | | Legal Description | T05S | R03E | 16 |
| Road Name | SP-2200 | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 428090 | E:4430880 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | NO | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : Class III watercourse. 16" culvert with downspout. Downspout installed incorrectly and damaged by windfall.

TREATMENT : Repair/re-install downspout or remove downspout and install energy dissipator.

| | | | |
|-------------------------------|---|----------------------------|---------------------------|
| Excavated Volume | 0 | Erosion Potential | Low |
| Delivery Volume | 0 | AHCP Priority | Low |
| Disturbed Surface Area | 0 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | |
|-------------------------------------|----------------|-----------|---------------------------------|---|-------------|----|
| GDRCo# | 011905 | | GDRCo Name | Cox Creek | | |
| State THP# | 1-21-00175-Hum | | Calwater Watershed | Upper Sproul Creek | 1111.320703 | |
| Road Point | 04 | | Legal Description | T05S | R03E | 16 |
| Road Name | SP-2200 | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 428029 | E:4430820 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | NO | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : Class III watercourse. 16" culvert with downspout. Downspout installed incorrectly and damaged by windfall.

TREATMENT : Repair/re-install downspout or remove downspout and install energy dissipator.

| | | | |
|-------------------------------|---|----------------------------|---------------------------|
| Excavated Volume | 0 | Erosion Potential | Low |
| Delivery Volume | 0 | AHCP Priority | Low |
| Disturbed Surface Area | 0 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | |
|-------------------------------------|----------------|-----------|---------------------------------|---|-------------|----|
| GDRCo# | 011905 | | GDRCo Name | Cox Creek | | |
| State THP# | 1-21-00175-Hum | | Calwater Watershed | Upper Sproul Creek | 1111.320703 | |
| Road Point | 05 | | Legal Description | T05S | R03E | 16 |
| Road Name | SP-2200 | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 427802 | E:4430770 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : Class II watercourse. Rusted out 18" culvert with minimal erosion.

TREATMENT : Excavate between flagged TOP and BOT flags removing sediment, debris, and buried logs. Install 24" culvert to FPR and MATO standards.

| | | | |
|-------------------------------|------|----------------------------|---------------------------|
| Excavated Volume | 175 | Erosion Potential | Medium |
| Delivery Volume | 154 | AHCP Priority | Medium |
| Disturbed Surface Area | 1050 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | | |
|------------------------------|----------------|-----------|--|--------------------------|---|-------------|----|
| GDRCo# | 011905 | | | GDRCo Name | Cox Creek | | |
| State THP# | 1-21-00175-Hum | | | Calwater Watershed | Upper Sproul Creek | 1111.320703 | |
| Road Point | 06 | | | Legal Description | T05S | R03E | 17 |
| Road Name | Temp | | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 427114 | E:4430970 | | Wildlife Restrictions | NO | | |
| Work Type | THP | | | Road Use Restriction | Temporary | | |
| Hydrologic Planning Area | | | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | | ECP Req? | NO | | |
| PreConsultation Completed? | NO | | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | | |

CURRENT CONDITION : New temporary road crosses a Class III watercourse.

TREATMENT : Install temporary crossing to FPR and MATO Standards.

| | | | |
|-------------------------------|---|----------------------------|---------------------------|
| Excavated Volume | 0 | Erosion Potential | Low |
| Delivery Volume | 0 | AHCP Priority | NAP |
| Disturbed Surface Area | 0 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | | |
|------------------------------|----------------|-----------|--|--------------------------|---|-------------|----|
| GDRCo# | 011905 | | | GDRCo Name | Cox Creek | | |
| State THP# | 1-21-00175-Hum | | | Calwater Watershed | Upper Sproul Creek | 1111.320703 | |
| Road Point | 06.1 | | | Legal Description | T05S | R03E | 17 |
| Road Name | SP-2200 | | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 427256 | E:4430950 | | Wildlife Restrictions | NO | | |
| Work Type | THP | | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | | | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | | |

CURRENT CONDITION : Class III watercourse failed earth fill crossing. Low gradient unstable area above road prism.

TREATMENT : Install temporary crossing to FPR and MATO Standards. Excavation above road prism should not extend past the TOP flag. Rock armor headwall.

| | | | |
|-------------------------------|---|----------------------------|---------------------------|
| Excavated Volume | 0 | Erosion Potential | Medium |
| Delivery Volume | 0 | AHCP Priority | Medium |
| Disturbed Surface Area | 0 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | |
|-------------------------------------|----------------|-----------|---------------------------------|---|-------------|----|
| GDRCo# | 011905 | | GDRCo Name | Cox Creek | | |
| State THP# | 1-21-00175-Hum | | Calwater Watershed | Upper Sproul Creek | 1111.320703 | |
| Road Point | 07 | | Legal Description | T05S | R03E | 16 |
| Road Name | SP-2200 | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 427584 | E:4430950 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : Class II watercourse. Buried 36" culvert. A rocked dip has been installed over the buried culvert in which water flows across the road prism.

TREATMENT : Excavated between flagged TOP and BOT flags removing sediment, debris, and buried logs. Install 36" culvert to FPR and MATO Standards.

| | | | |
|-------------------------------|------|----------------------------|---------------------------|
| Excavated Volume | 300 | Erosion Potential | Medium |
| Delivery Volume | 264 | AHCP Priority | Medium |
| Disturbed Surface Area | 1800 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | | |
|------------------------------|----------------|-----------|--|--------------------------|---|-------------|---|
| GDRCo# | 011905 | | | GDRCo Name | Cox Creek | | |
| State THP# | 1-21-00175-Hum | | | Calwater Watershed | Upper Sproul Creek | 1111.320703 | |
| Road Point | 09 | | | Legal Description | T05S | R03E | 8 |
| Road Name | SP-2200 | | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 427165 | E:4431690 | | Wildlife Restrictions | NO | | |
| Work Type | THP | | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | | | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | | |

CURRENT CONDITION : Low flow Class III watercourse within rolling dip. Crossing shows minimal erosion.

TREATMENT : Maintain and rock rolling dip.

| | | | |
|-------------------------------|---|----------------------------|---------------------------|
| Excavated Volume | 0 | Erosion Potential | Low |
| Delivery Volume | 0 | AHCP Priority | Low |
| Disturbed Surface Area | 0 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | | |
|--|----------------|-----------|--|---------------------------------|---|-------------|---|
| GDRCo# | 011905 | | | GDRCo Name | Cox Creek | | |
| State THP# | 1-21-00175-Hum | | | Calwater Watershed | Upper Sproul Creek | 1111.320703 | |
| Road Point | 11 | | | Legal Description | T05S | R03E | 8 |
| Road Name | SP-2100 | | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 426727 | E:4432280 | | Wildlife Restrictions | NO | | |
| Work Type | THP | | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | | | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | | |
| CURRENT CONDITION : Class II watercourse. 24" culvert separated with flow underneath. Culvert has small rust holes. Erosion under pipe is minimal. | | | | | | | |
| TREATMENT : Excavate between flagged TOP and BOT flags removing sediment, debris, and buried logs. Install 42" culvert to FPR and MATO Standards. | | | | | | | |
| Excavated Volume | 280 | | | Erosion Potential | Medium | | |
| Delivery Volume | 246 | | | AHCP Priority | Medium | | |
| Disturbed Surface Area | 1680 | | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|-------------------------------------|----------------|-----------|---------------------------------|---|-------------|---|
| GDRCo# | 011905 | | GDRCo Name | Cox Creek | | |
| State THP# | 1-21-00175-Hum | | Calwater Watershed | Upper Sproul Creek | 1111.320703 | |
| Road Point | 13 | | Legal Description | T05S | R03E | 8 |
| Road Name | SP-2110 | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 426640 | E:4431850 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : Class II watercourse with earth fill crossing and rock outfall/fill slope. Crossing exhibits minimal erosion. The grade and width of the approaches are not suitable for hauling operations.

TREATMENT : Excavate between flagged TOP and BOT flags removing sediment, debris, and buried logs. Install 36" culvert to FPR and MATO Standards. Crossing should be installed directly upstream of existing crossing to improve alignment and grade. Approaches should be reconstructed and the elevation of the road prism over the crossing raised.

| | | | |
|-------------------------------|------|----------------------------|---------------------------|
| Excavated Volume | 211 | Erosion Potential | Medium |
| Delivery Volume | 186 | AHCP Priority | Medium |
| Disturbed Surface Area | 1268 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | | |
|------------------------------|----------------|-----------|--|--------------------------|---|-------------|---|
| GDRCo# | 011905 | | | GDRCo Name | Cox Creek | | |
| State THP# | 1-21-00175-Hum | | | Calwater Watershed | Upper Sproul Creek | 1111.320703 | |
| Road Point | 14 | | | Legal Description | T05S | R03E | 8 |
| Road Name | SP-2110 | | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 426644 | E:4431800 | | Wildlife Restrictions | NO | | |
| Work Type | THP | | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | | | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | | 1600 Req? | NO | | |
| Fees Payed From Previous AWP | NO | | | | | | |

CURRENT CONDITION : Class III watercourse below dipped road prism. Road above watercourse constructed in swale and cannot be hydrologically disconnected properly. No erosion within road prism above watercourse.

TREATMENT : Maintain and rock dip

| | | | |
|-------------------------------|---|----------------------------|---------------------------|
| Excavated Volume | 0 | Erosion Potential | Low |
| Delivery Volume | 0 | AHCP Priority | Low |
| Disturbed Surface Area | 0 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | | |
|------------------------------|----------------|-----------|--|--------------------------|---|-------------|---|
| GDRCo# | 011905 | | | GDRCo Name | Cox Creek | | |
| State THP# | 1-21-00175-Hum | | | Calwater Watershed | Upper Sproul Creek | 1111.320703 | |
| Road Point | 15 | | | Legal Description | T05S | R03E | 8 |
| Road Name | Temp | | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 426755 | E:4431810 | | Wildlife Restrictions | NO | | |
| Work Type | THP | | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | | | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | | ECP Req? | NO | | |
| PreConsultation Completed? | NO | | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | | |

CURRENT CONDITION : New temporary road crosses a Class III watercourse.

TREATMENT : Install temporary crossing to FPR and MATO Standards.

| | | | |
|-------------------------------|---|----------------------------|---------------------------|
| Excavated Volume | 0 | Erosion Potential | Low |
| Delivery Volume | 0 | AHCP Priority | NAP |
| Disturbed Surface Area | 0 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | | |
|------------------------------|----------------|-----------|--|--------------------------|---|-------------|----|
| GDRCo# | 011905 | | | GDRCo Name | Cox Creek | | |
| State THP# | 1-21-00175-Hum | | | Calwater Watershed | Upper Sproul Creek | 1111.320703 | |
| Road Point | 16 | | | Legal Description | T05S | R03E | 17 |
| Road Name | SP-2300 | | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 426287 | E:4431330 | | Wildlife Restrictions | NO | | |
| Work Type | THP | | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | | | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | | |

CURRENT CONDITION : Low flow Class III watercourse with no drainage structure. Creek currently diverted to south approximately 50' upstream of crossing.

TREATMENT : Install rocked ford to FPR and MATO Standards. Excavate flagged channel above crossing as necessary to deliver flows to inlet of rocked ford.

| | | | |
|-------------------------------|---|----------------------------|---------------------------|
| Excavated Volume | 0 | Erosion Potential | Medium |
| Delivery Volume | 0 | AHCP Priority | Medium |
| Disturbed Surface Area | 0 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | | |
|-------------------------------------|----------------|-----------|--|---------------------------------|---|-------------|----|
| GDRCo# | 011905 | | | GDRCo Name | Cox Creek | | |
| State THP# | 1-21-00175-Hum | | | Calwater Watershed | Upper Sproul Creek | 1111.320703 | |
| Road Point | 17 | | | Legal Description | T05S | R03E | 17 |
| Road Name | SP-2300 | | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 426247 | E:4431200 | | Wildlife Restrictions | NO | | |
| Work Type | THP | | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | | | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | | |

CURRENT CONDITION : Low flow Class III watercourse in low gradient swale with no drainage structure.

TREATMENT : Install rocked dip.

| | | | |
|-------------------------------|---|----------------------------|---------------------------|
| Excavated Volume | 0 | Erosion Potential | Medium |
| Delivery Volume | 0 | AHCP Priority | Medium |
| Disturbed Surface Area | 0 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | | |
|------------------------------|----------------|-----------|--|--------------------------|---|-------------|----|
| GDRCo# | 011905 | | | GDRCo Name | Cox Creek | | |
| State THP# | 1-21-00175-Hum | | | Calwater Watershed | Upper Sproul Creek | 1111.320703 | |
| Road Point | 18 | | | Legal Description | T05S | R03E | 17 |
| Road Name | Spur | | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 426244 | E:4431110 | | Wildlife Restrictions | NO | | |
| Work Type | THP | | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | | | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | | |

CURRENT CONDITION : Proposed seasonal road crosses low flow Class III watercourse in low gradient unstable area.

TREATMENT : Install rocked dip.

| | | | |
|-------------------------------|---|----------------------------|---------------------------|
| Excavated Volume | 0 | Erosion Potential | Low |
| Delivery Volume | 0 | AHCP Priority | NAP |
| Disturbed Surface Area | 0 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | |
|-------------------------------------|----------------|-----------|---------------------------------|---|-------------|----|
| GDRCo# | 011905 | | GDRCo Name | Cox Creek | | |
| State THP# | 1-21-00175-Hum | | Calwater Watershed | Upper Sproul Creek | 1111.320703 | |
| Road Point | 19 | | Legal Description | T05S | R03E | 17 |
| Road Name | SP-2000 | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 426247 | E:4430740 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | NO | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : Class III watercourse below dipped road prism. Minimal erosion within road prism above watercourse.

TREATMENT : Maintain and rock dip.

| | | | |
|-------------------------------|---|----------------------------|---------------------------|
| Excavated Volume | 0 | Erosion Potential | Low |
| Delivery Volume | 0 | AHCP Priority | Low |
| Disturbed Surface Area | 0 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | | |
|------------------------------|----------------|-----------|--|--------------------------|---|-------------|----|
| GDRCo# | 011905 | | | GDRCo Name | Cox Creek | | |
| State THP# | 1-21-00175-Hum | | | Calwater Watershed | Upper Sproul Creek | 1111.320703 | |
| Road Point | 20 | | | Legal Description | T05S | R03E | 17 |
| Road Name | Spur | | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 426257 | E:4430710 | | Wildlife Restrictions | NO | | |
| Work Type | THP | | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | | | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | | ECP Req? | NO | | |
| PreConsultation Completed? | NO | | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | | |

CURRENT CONDITION : Class II watercourse with no drainage structure.

TREATMENT : Install temporary crossing to FPR and MATO Standards.

| | | | |
|-------------------------------|---|----------------------------|---------------------------|
| Excavated Volume | 0 | Erosion Potential | Low |
| Delivery Volume | 0 | AHCP Priority | Low |
| Disturbed Surface Area | 0 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | |
|-------------------------------------|----------------|-----------|---------------------------------|---|-------------|----|
| GDRCo# | 011905 | | GDRCo Name | Cox Creek | | |
| State THP# | 1-21-00175-Hum | | Calwater Watershed | Upper Sproul Creek | 1111.320703 | |
| Road Point | 21 | | Legal Description | T05S | R03E | 17 |
| Road Name | SP-2000 | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 426077 | E:4430780 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | NO | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : Existing wet ford crossing on Sproul Creek a Class I watercourse.

TREATMENT : Install a temporary crossing that will allow for fish passage to the standards of the FPRs and MATO to be removed prior to the October 15th of the year of use. The temporary crossing may be a spittler type with culvert, half round culvert, or bridge A qualified Biologist will survey as detailed in Section II, Item 32 to ensure there are no redds present, and that fish or other vertebrates are excluded from the work area prior to construction. Equipment may cross the live channel twice in compliance with the MATO to install crossing. Reshaping of the channel margins will be necessary to install the crossing and construct the abutments/approaches. Native materials from on site may be used to accomplish this and only dry gravel bar areas above the wetted stream shall be utilized for material. Gravel scraping or skimming during construction of approaches shall not result in concave, low areas in the gravel bars that could strand fish after high river flows. All disturbed areas within the dry channel will be reshaped to mimic pre-disturbance conditions prior to the October 15th year of use. Any exposed soil on the road approach surface outside of the existing channel bed and banks shall be treated with either: rock, seed and straw mulch, or seed and stabilized straw from the edge of the watercourse channel to the nearest drainage facility, but not less than 50 feet, or to the hydrologic divide, whichever is less, prior to the October 15th any year the road is used.

| | | | |
|-------------------------------|---|----------------------------|---------------------------|
| Excavated Volume | 0 | Erosion Potential | Low |
| Delivery Volume | 0 | AHCP Priority | NAP |
| Disturbed Surface Area | 0 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | |
|-------------------------------------|----------------|-----------|---------------------------------|---|-------------|---|
| GDRCo# | 011905 | | GDRCo Name | Cox Creek | | |
| State THP# | 1-21-00175-Hum | | Calwater Watershed | Lower Sproul Creek | 1111.320701 | |
| Road Point | 22 | | Legal Description | T05S | R03E | 8 |
| Road Name | SP-2100 | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 426304 | E:4433000 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | NO | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

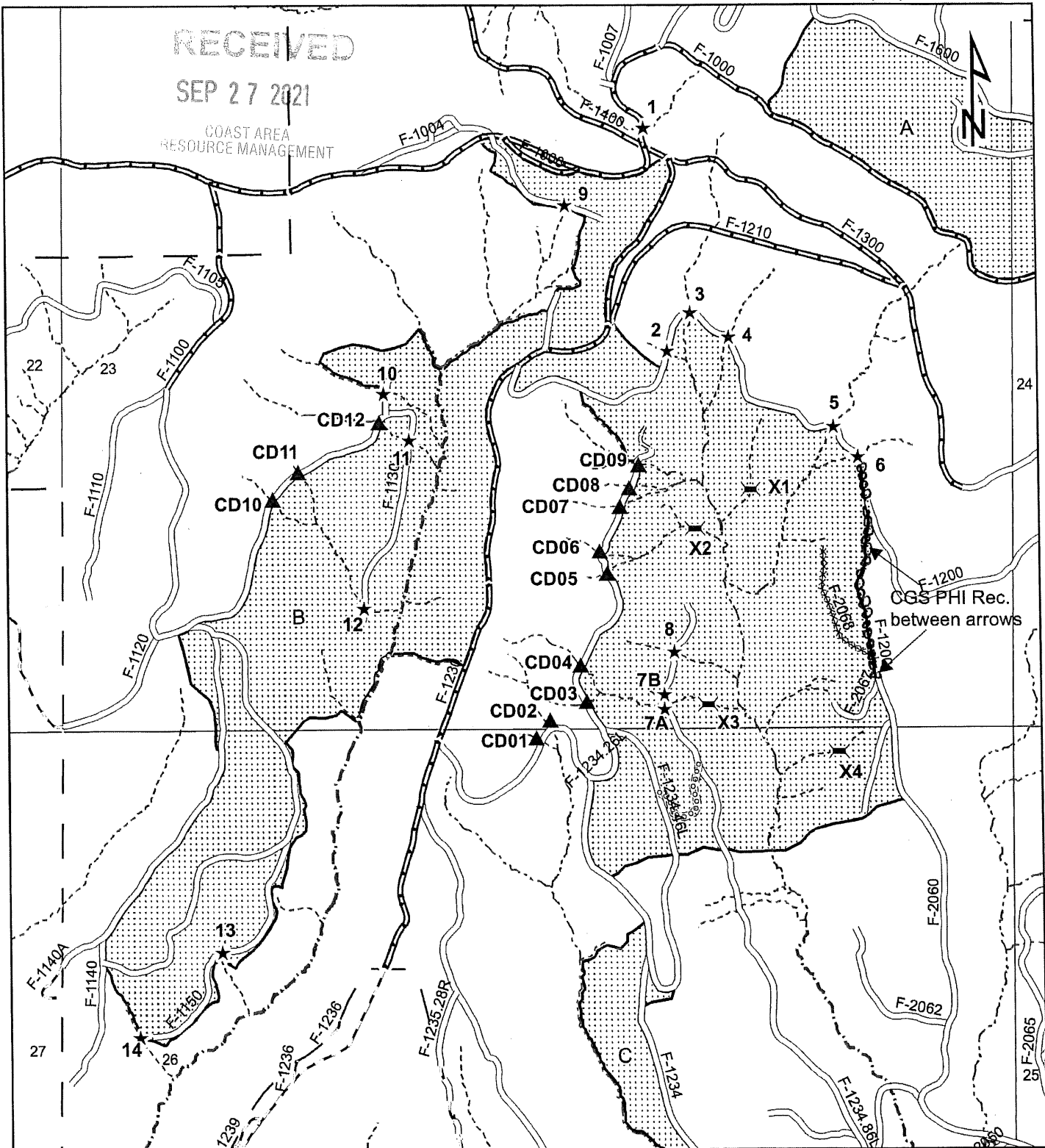
CURRENT CONDITION : Existing wet ford crossing on Sproul Creek a Class I watercourse. This site has been previously permitted under approved THP 1-20-00175 HUM and 1-20-00219 HUM. See Appurtenant Road Map for location.

TREATMENT : Install a temporary crossing that will allow for fish passage to the standards of the FPRs and MATO to be removed prior to the October 15th of the year of use. The temporary crossing may be a spittler type with culvert, half round culvert, or bridge A qualified Biologist will survey as detailed in Section II, Item 32 to ensure there are no redds present, and that fish or other vertebrates are excluded from the work area prior to construction. Equipment may cross the live channel twice in compliance with the MATO to install crossing. Reshaping of the channel margins will be necessary to install the crossing and construct the abutments/approaches. Native materials from on site may be used to accomplish this and only dry gravel bar areas above the wetted stream shall be utilized for material. Gravel scraping or skimming during construction of approaches shall not result in concave, low areas in the gravel bars that could strand fish after high river flows. All disturbed areas within the dry channel will be reshaped to mimic pre-disturbance conditions prior to the October 15th year of use. Any exposed soil on the road approach surface outside of the existing channel bed and banks shall be treated with either: rock, seed and straw mulch, or seed and stabilized straw from the edge of the watercourse channel to the nearest drainage facility, but not less than 50 feet, or to the hydrologic divide, whichever is less, prior to the October 15th any year the road is used.

| | | | |
|-------------------------------|---|----------------------------|---------------------------|
| Excavated Volume | 0 | Erosion Potential | Low |
| Delivery Volume | 0 | AHCP Priority | NAP |
| Disturbed Surface Area | 0 | Excavated Materials | Soil,Gravel,Rock and Wood |

RECEIVED

SEP 27 2021

COAST AREA
RESOURCE MANAGEMENTGREEN DIAMOND
RESOURCE COMPANYGDRCo #14-2002
Gas Wells Thin

Road Work Map

USGS Quads: Fortuna, CA. 1972 &
Fields Landing, CA. 1972

T3N, R1W, Sections 23, 24, & 26, HBM



Harvest Units

★ Road Work Point

▲ Consistency Determination (CD) Treatment Site
(See Road Work Order for work to be performed)

— GDRCo Ownership

— Harvest Unit Boundary

Roads

- Public Road
- Existing Seasonal Road
- Proposed Temporary Road (to be deactivated)
- Existing Permanent Road
- Proposed Seasonal Road
- Existing Seasonal to be Reconstructed

Watercourse

- Class I
- Class II (II-1, II2)
- Class III (IIIAM)
- ✕ Skid Trail Crossing
- Historic Road (Not to be reopened)

Scale: 1:9,000

1 inch = 750 feet

INTERNAL USE ONLY

Unit A: 302612

Unit B: 302615

Unit C: 302609



TMIS - Culvert Report

| Siteld | THP# | RDpts# | Acres | Length (Miles) | lower Elevation | Upper Elevation | Altitude | TC | cfs | C.Diam (inches) | C.Diam,Int (inches) | Method |
|----------|--------|--------|-------|-------------------|--------------------|--------------------|----------|-------|-------|--------------------|------------------------|----------|
| 11835 | 142002 | 01 | 2.4 | 0.15 | 651 | 789 | 124.2 | 2.61 | 2.67 | 24 | 4.97 | Rational |
| 10424809 | 142002 | 02 | 1.6 | 0.09 | 419 | 558 | 125.1 | 1.44 | 1.78 | 24 | 3.31 | Rational |
| 10424590 | 142002 | 03 | 23.9 | 0.39 | 420 | 969 | 494.1 | 4.63 | 26.6 | 36 | 32.85 | Rational |
| 10424587 | 142002 | 04 | 18.9 | 0.37 | 379 | 1020 | 576.9 | 4.1 | 21.04 | 36 | 30.07 | Rational |
| 10424580 | 142002 | 05 | 22.3 | 0.39 | 400.5 | 1011 | 549.45 | 4.44 | 24.82 | 36 | 31.96 | Rational |
| 10424579 | 142002 | 06 | 4.3 | 0.09 | 416 | 601 | 166.5 | 1.29 | 4.79 | 24 | 8.9 | Rational |
| 10424819 | 142002 | 07A | 8.8 | 0.22 | 273 | 466 | 173.7 | 3.57 | 9.79 | 24 | 18.22 | Rational |
| 10424808 | 142002 | 09 | 0.7 | 0.6 | 634 | 688 | 48.6 | 18.58 | 0.59 | 24 | 1.09 | Rational |
| 10424774 | 142002 | 10 | 3.7 | 0.17 | 423 | 627 | 183.6 | 2.6 | 4.12 | 24 | 7.66 | Rational |
| 10424775 | 142002 | 11 | 9.3 | 0.25 | 387 | 617 | 207 | 3.87 | 10.35 | 24 | 19.26 | Rational |

| | | | | | | | |
|---|-----------------|-----------|--|---------------------------------|--|-------------|----|
| GDRCo# | 142002 | | | GDRCo Name | Gas Wells Thinning '22 | | |
| State THP# | 1-21-000134-Hum | | | Calwater Watershed | Palmer Creek | 1111.110202 | |
| Road Point | 01 | | | Legal Description | 03.0N | 01.0W | 23 |
| Road Name | F-1000 | | | Annual Plan Year | 2022 | | |
| Road Surface | Rock | | | Work Timing | Work will be completed prior to the first Winter Period pending THP approval. If the THP approval occurs on or after July 1 then work will be completed the following year prior to the Winter Period. | | |
| UTM | N : 402942 | E:4498333 | | Wildlife Restrictions | NO | | |
| Work Type | THP | | | Road Use Restriction | Permanent | | |
| Hydrologic Planning Area | Eel River | | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | | |
| <p>CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class III watercourse crossing with an 18" plastic pipe. Water is bypassing the pipe and entering a significant void on the left side of the culvert that is transporting water under the road fill.</p> | | | | | | | |
| <p>TREATMENT : Excavate between the flagged TOP and BOT removing sediment, debris and buried logs. Install a 24" CMP to FPR and GDRCo AHCP guidelines as described in Section II of this THP.</p> | | | | | | | |
| Excavated Volume | 23 | | | Erosion Potential | High | | |
| Delivery Volume | 16 | | | AHCP Priority | High | | |
| Disturbed Surface Area | 137 | | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|-------------------------------------|-----------------|------------|---------------------------------|--|-------------|----|
| GDRCo# | 142002 | | GDRCo Name | Gas Wells Thinning '22 | | |
| State THP# | 1-21-000134-Hum | | Calwater Watershed | Palmer Creek | 1111.110202 | |
| Road Point | 02 | | Legal Description | 03.0N | 01.0W | 23 |
| Road Name | F-1200 | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Work will be completed prior to the first Winter Period pending THP approval. If the THP approval occurs on or after July 1 then work will be completed the following year prior to the Winter Period. | | |
| UTM | N : 402974 | E: 4497952 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Deactivated | | |
| Hydrologic Planning Area | | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class III watercourse with a failing fill crossing. 80% of the fill remaining. A sink hole is present below the outboard fill.

TREATMENT : Excavate between the flagged TOP and BOT removing sediment, debris and buried logs. Install a 24" CMP to FPR and GDRCo AHCP guidelines as described in Section II of this THP.
 Or, install a temporary watercourse crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP and remove prior to the Winter Period of the year of use.
 The road approach surface shall be treated with either: rock, slash, seed and straw mulch, seed and stabilized straw, or seed and slash from the watercourse channel to the nearest drainage facility, but not less than 50 feet, or to the hydrologic divide, whichever is less, prior to the Winter Period of the year the road is used.

| | | | |
|-------------------------------|-----|----------------------------|---------------------------|
| Excavated Volume | 17 | Erosion Potential | High |
| Delivery Volume | 12 | AHCP Priority | High |
| Disturbed Surface Area | 103 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | |
|-------------------------------------|-----------------|-----------|---------------------------------|--|-------------|----|
| GDRCo# | 142002 | | GDRCo Name | Gas Wells Thinning '22 | | |
| State THP# | 1-21-000134-Hum | | Calwater Watershed | Palmer Creek | 1111.110202 | |
| Road Point | 03 | | Legal Description | 03.0N | 01.0W | 23 |
| Road Name | F-1200 | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16), unless 'Unseasonably Dry Fall conditions' are in effect (Oct.16 - Nov.15) of the year of use. | | |
| UTM | N : 403016 | E:4498023 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Deactivated | | |
| Hydrologic Planning Area | Eel River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | NO | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure site. A Class III watercourse with a crossing that has been removed to FPR and GDRCo AHCP guidelines.

TREATMENT : Install a 36" CMP to FPR and GDRCo AHCP guidelines as described in Section II of this THP.

Or, install a temporary watercourse crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP and remove prior to the Winter Period of the year of use.

The road approach surface shall be treated with either: rock, slash, seed and straw mulch, seed and stabilized straw, or seed and slash from the watercourse channel to the nearest drainage facility, but not less than 50 feet, or to the hydrologic divide, whichever is less, prior to the Winter Period of the year the road is used.

| | | | |
|-------------------------------|---|----------------------------|---------------------------|
| Excavated Volume | 0 | Erosion Potential | Low |
| Delivery Volume | 0 | AHCP Priority | Low |
| Disturbed Surface Area | 0 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | |
|-------------------------------------|-----------------|-----------|---------------------------------|--|-------------|----|
| GDRCo# | 142002 | | GDRCo Name | Gas Wells Thinning '22 | | |
| State THP# | 1-21-000134-Hum | | Calwater Watershed | Palmer Creek | 1111.110202 | |
| Road Point | 04 | | Legal Description | 03.0N | 01.0W | 23 |
| Road Name | F-1200 | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Work will be completed prior to the first Winter Period pending THP approval. If the THP approval occurs on or after July 1 then work will be completed the following year prior to the Winter Period. | | |
| UTM | N : 403082 | E:4497982 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Deactivated | | |
| Hydrologic Planning Area | Eel River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class III watercourse with a failing fill crossing. There is a sediment wedge above the inboard road edge. An incised channel has eroded through the running surface and the outboard fill.

TREATMENT : Excavate between the flagged TOP and BOT removing sediment, debris and buried logs. Install a 36" CMP to FPR and GDRCo AHCP guidelines as described in Section II of this THP.
 Or, install a temporary watercourse crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP and remove prior to the Winter Period of the year of use.
 The road approach surface shall be treated with either: rock, slash, seed and straw mulch, seed and stabilized straw, or seed and slash from the watercourse channel to the nearest drainage facility, but not less than 50 feet, or to the hydrologic divide, whichever is less, prior to the Winter Period of the year the road is used.

| | | | |
|-------------------------------|-----|----------------------------|---------------------------|
| Excavated Volume | 99 | Erosion Potential | High |
| Delivery Volume | 69 | AHCP Priority | High |
| Disturbed Surface Area | 591 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | |
|-------------------------------------|-----------------|-----------|---------------------------------|---|-------------|----|
| GDRCo# | 142002 | | GDRCo Name | Gas Wells Thinning '22 | | |
| State THP# | 1-21-000134-Hum | | Calwater Watershed | Palmer Creek | 1111.110202 | |
| Road Point | 05 | | Legal Description | 03.0N | 01.0W | 23 |
| Road Name | F-1200 | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 403258 | E:4497831 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Deactivated | | |
| Hydrologic Planning Area | Eel River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | NO | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure site. A Class III watercourse that has eroded to grade with over-steepened sides.

TREATMENT : Excavate between the flagged TOP and BOT removing sediment, debris and buried logs. Install a 36" CMP to FPR and GDRCo AHCP guidelines as described in Section II of this THP.
 Or, install a temporary watercourse crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP and remove prior to the Winter Period of the year of use.
 The road approach surface shall be treated with either: rock, slash, seed and straw mulch, seed and stabilized straw, or seed and slash from the watercourse channel to the nearest drainage facility, but not less than 50 feet, or to the hydrologic divide, whichever is less, prior to the Winter Period of the year the road is used.

| | | | |
|-------------------------------|---|----------------------------|---------------------------|
| Excavated Volume | 0 | Erosion Potential | Low |
| Delivery Volume | 0 | AHCP Priority | Low |
| Disturbed Surface Area | 0 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | |
|-------------------------------------|-----------------|-----------|---------------------------------|--|-------------|----|
| GDRCo# | 142002 | | GDRCo Name | Gas Wells Thinning '22 | | |
| State THP# | 1-21-000134-Hum | | Calwater Watershed | Palmer Creek | 1111.110202 | |
| Road Point | 06 | | Legal Description | 03.0N | 01.0W | 23 |
| Road Name | F-1200 | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Work will be completed prior to the first Winter Period pending THP approval. If the THP approval occurs on or after July 1 then work will be completed the following year prior to the Winter Period. | | |
| UTM | N : 403298 | E:4497781 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Deactivated | | |
| Hydrologic Planning Area | Eel River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class III watercourse with a failing fill crossing that has 95% remaining fill. The road bed is narrow and degraded on the approach. Water is seeping out from the outboard fill slope in many places. This road point was reviewed by a GDRCo geologist.

TREATMENT : Ramp in and out of the offset road prism and minimize excavation of the cutslope. Excavate the crossing from TOP to BOT, removing sediment, debris, and buried logs. Install a 24" CMP to FPR and GDRCo AHCP guidelines as described in Section II of this THP; or install a temporary watercourse crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP and remove prior to the Winter Period of the year of use.

Install large rolling dips on either side of the crossing to direct surface flow to the inboard road edge.
Install an inside ditch from each rolling dip to the inlet of the pipe to re-direct seep flow and prevent road saturation.

The road approach surface shall be treated with either: rock, slash, seed and straw mulch, seed and stabilized straw, or seed and slash from the watercourse channel to the nearest drainage facility, but not less than 50 feet, or to the hydrologic divide, whichever is less, prior to the Winter Period of the year the road is used.

| | | | |
|-------------------------------|------|----------------------------|---------------------------|
| Excavated Volume | 214 | Erosion Potential | Medium |
| Delivery Volume | 150 | AHCP Priority | Medium |
| Disturbed Surface Area | 1286 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | |
|-------------------------------------|-----------------|-----------|---------------------------------|--|-------------|----|
| GDRCo# | 142002 | | GDRCo Name | Gas Wells Thinning '22 | | |
| State THP# | 1-21-000134-Hum | | Calwater Watershed | Palmer Creek | 1111.110202 | |
| Road Point | 07A | | Legal Description | 03.0N | 01.0W | 23 |
| Road Name | F-1234.86L | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16), unless 'Unseasonably Dry Fall conditions' are in effect (Oct.16 - Nov.15) of the year of use. | | |
| UTM | N : 402962 | E:4497364 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Eel River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class III watercourse crossing with a 24" CMP that has a buried inlet and flow under the outlet. There are voids in the running surface.

TREATMENT : Use this crossing as is and remove to FPR and GDRCo AHCP standards prior to the Winter Period of the year of use. The road approach surface shall be treated with either: rock, slash, seed and straw mulch, seed and stabilized straw, or seed and slash from the watercourse channel to the nearest drainage facility, but not less than 50 feet, or to the hydrologic divide, whichever is less, prior to the Winter Period of the year the road is used.

| | | | |
|-------------------------------|-----|----------------------------|---------------------------|
| Excavated Volume | 49 | Erosion Potential | High |
| Delivery Volume | 56 | AHCP Priority | High |
| Disturbed Surface Area | 420 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | |
|-------------------------------------|-----------------|-----------|---------------------------------|---|-------------|----|
| GDRCo# | 142002 | | GDRCo Name | Gas Wells Thinning '22 | | |
| State THP# | 1-21-000134-Hum | | Calwater Watershed | Palmer Creek | 1111.110202 | |
| Road Point | 07B | | Legal Description | 03.0N | 01.0W | 23 |
| Road Name | F-1234.86L | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 402962 | E:4497379 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Eel River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class III watercourse no drainage structure. The BOT is shared with road point 7A.

TREATMENT : If water is flowing at the time of operations install a temporary watercourse crossing to FPR and GDRCo

AHCP guidelines as described in Section II of this THP and remove prior to the Winter Period of the year of use. The road approach surface shall be treated with either: rock, slash, seed and straw mulch, seed and stabilized straw, or seed and slash from the watercourse channel to the nearest drainage facility, but not less than 50 feet, or to the hydrologic divide, whichever is less, prior to the Winter Period of the year the road is used.

| | | | |
|-------------------------------|-----|----------------------------|-----------------------------|
| Excavated Volume | 67 | Erosion Potential | High |
| Delivery Volume | 47 | AHCP Priority | High |
| Disturbed Surface Area | 272 | Excavated Materials | Soil, Gravel, Rock and Wood |

| | | | | | | |
|-------------------------------------|-----------------|-----------|---------------------------------|--|-------------|----|
| GDRCo# | 142002 | | GDRCo Name | Gas Wells Thinning '22 | | |
| State THP# | 1-21-000134-Hum | | Calwater Watershed | Palmer Creek | 1111.110202 | |
| Road Point | 08 | | Legal Description | 03.0N | 01.0W | 23 |
| Road Name | F-1234.86L | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16), unless 'Unseasonably Dry Fall conditions' are in effect (Oct.16 - Nov.15) of the year of use. | | |
| UTM | N : 402984 | E:4497454 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Eel River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure site. A Class III watercourse with a functional Humboldt Crossing and a 24" CMP overflow pipe. Humboldt logs are visible at the base of the outboard fill. An unclassified channel to the right lacks a drainage structure and has over-topped the road in the past. There is no diversion potential.

TREATMENT : Use this crossing as it is; Prior to the winter period of the year of use remove the crossing to FPR and GDRCo AHCP guidelines as described Section II of this THP.

The road approach surface shall be treated with either: rock, slash, seed and straw mulch, seed and stabilized straw, or seed and slash from the watercourse channel to the nearest drainage facility, but not less than 50 feet, or to the hydrologic divide, whichever is less, prior to the Winter Period of the year the road is used.

| | | | |
|-------------------------------|-----|----------------------------|---------------------------|
| Excavated Volume | 29 | Erosion Potential | Low |
| Delivery Volume | 20 | AHCP Priority | High |
| Disturbed Surface Area | 171 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | |
|-------------------------------------|-----------------|-----------|---------------------------------|--|-------------|----|
| GDRCo# | 142002 | | GDRCo Name | Gas Wells Thinning '22 | | |
| State THP# | 1-21-000134-Hum | | Calwater Watershed | Palmer Creek | 1111.110202 | |
| Road Point | 09 | | Legal Description | 03.0N | 01.0W | 23 |
| Road Name | F-1005 | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Work will be completed prior to the first Winter Period pending THP approval. If the THP approval occurs on or after July 1 then work will be completed the following year prior to the Winter Period. | | |
| UTM | N : 402808 | E:4498204 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Eel River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class III watercourse with a failing fill crossing. A gully has eroded through the fill. Approximately 75% of the fill has been delivered.

TREATMENT : Excavate between the flagged TOP and BOT removing sediment, debris, and buried logs. Install a 24" CMP to FPR and GDRCo AHCP guidelines as described in Section II of this THP.

Or, install a temporary watercourse crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP and remove prior to the Winter Period of the year of use.

The road approach surface shall be treated with either: rock, slash, seed and straw mulch, seed and stabilized straw, or seed and slash from the watercourse channel to the nearest drainage facility, but not less than 50 feet, or to the hydrologic divide, whichever is less, prior to the Winter Period of the year the road is used.

| | | | |
|-------------------------------|-----|----------------------------|---------------------------|
| Excavated Volume | 60 | Erosion Potential | High |
| Delivery Volume | 42 | AHCP Priority | High |
| Disturbed Surface Area | 360 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | |
|-------------------------------------|-----------------|-----------|---------------------------------|---|-------------|----|
| GDRCo# | 142002 | | GDRCo Name | Gas Wells Thinning '22 | | |
| State THP# | 1-21-000134-Hum | | Calwater Watershed | Palmer Creek | 1111.110202 | |
| Road Point | 10 | | Legal Description | 03.0N | 01.0W | 23 |
| Road Name | F-1130A | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 402499 | E:4497887 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Eel River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | NO | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure site. A Class III watercourse crossing that has been removed to FPR and GDRCo AHCP standards.

TREATMENT : Install a 24" CMP to FPR and GDRCo AHCP guidelines as described in Section II of this THP.

Or, install a temporary watercourse crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP and remove prior to the Winter Period of the year of use.

The road approach surface shall be treated with either: rock, slash, seed and straw mulch, seed and stabilized straw, or seed and slash from the watercourse channel to the nearest drainage facility, but not less than 50 feet, or to the hydrologic divide, whichever is less, prior to the Winter Period of the year the road is used.

| | | | |
|-------------------------------|---|----------------------------|---------------------------|
| Excavated Volume | 0 | Erosion Potential | Low |
| Delivery Volume | 0 | AHCP Priority | NAP |
| Disturbed Surface Area | 0 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | |
|-------------------------------------|-----------------|-----------|---------------------------------|--|-------------|----|
| GDRCo# | 142002 | | GDRCo Name | Gas Wells Thinning '22 | | |
| State THP# | 1-21-000134-Hum | | Calwater Watershed | Palmer Creek | 1111.110202 | |
| Road Point | 11 | | Legal Description | 03.0N | 01.0W | 23 |
| Road Name | F-1130 | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Work will be completed prior to the first Winter Period pending THP approval. If the THP approval occurs on or after July 1 then work will be completed the following year prior to the Winter Period. | | |
| UTM | N : 402541 | E:4497810 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Eel River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class II watercourse with a failing fill crossing. The watercourse flows across into the inboard road edge where it diverts right for 5 feet and seeps into the fill. A waterbar on the left hinge of the crossing diverts surface flow across the road directly into the watercourse causing erosion of the outboard fill.

TREATMENT : Excavate between the flagged TOP and BOT removing sediment, debris and buried logs. Install a 24" CMP to FPR and GDRCo AHCP guidelines as described in Section II of this THP.
 Or, install a temporary watercourse crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP and remove prior to the Winter Period of the year of use. Disconnect the road surface from the watercourse.
 The road approach surface shall be treated with either: rock, slash, seed and straw mulch, seed and stabilized straw, or seed and slash from the watercourse channel to the nearest drainage facility, but not less than 50 feet, or to the hydrologic divide, whichever is less, prior to the Winter Period of the year the road is used.

| | | | |
|-------------------------------|------|----------------------------|---------------------------|
| Excavated Volume | 850 | Erosion Potential | High |
| Delivery Volume | 595 | AHCP Priority | High |
| Disturbed Surface Area | 5100 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | |
|-------------------------------------|-----------------|-----------|---------------------------------|--|-------------|----|
| GDRCo# | 142002 | | GDRCo Name | Gas Wells Thinning '22 | | |
| State THP# | 1-21-000134-Hum | | Calwater Watershed | Palmer Creek | 1111.110202 | |
| Road Point | 12 | | Legal Description | 03.0N | 01.0W | 23 |
| Road Name | F-1130 | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16), unless 'Unseasonably Dry Fall conditions' are in effect (Oct.16 - Nov.15) of the year of use. | | |
| UTM | N : 402464 | E:4497528 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Eel River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class III watercourse crossing with a 24" CMP that is rusted through greater than 25% of the length.

TREATMENT : Use this crossing as it is; Prior to the winter period of the year of use remove the crossing to FPR and GDRCo AHCP guidelines as described Section II of this THP.

The road approach surface shall be treated with either: rock, slash, seed and straw mulch, seed and stabilized straw, or seed and slash from the watercourse channel to the nearest drainage facility, but not less than 50 feet, or to the hydrologic divide, whichever is less, prior to the Winter Period of the year the road is used.

| | | | |
|-------------------------------|-----|----------------------------|---------------------------|
| Excavated Volume | 60 | Erosion Potential | High |
| Delivery Volume | 42 | AHCP Priority | High |
| Disturbed Surface Area | 360 | Excavated Materials | Soil,Gravel,Rock and Wood |

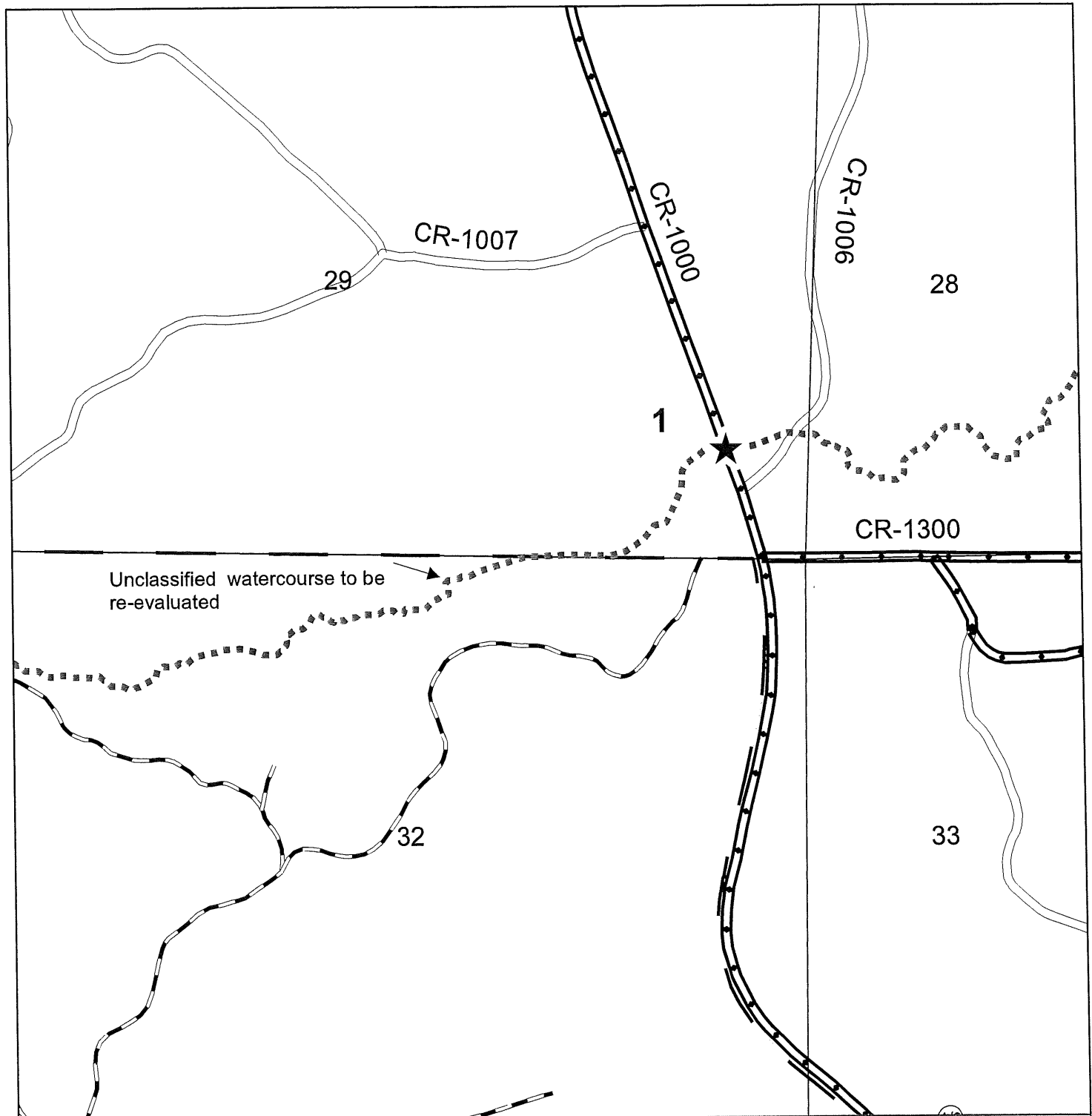
| | | | | | | |
|-------------------------------------|-----------------|------------|---------------------------------|---|-------------|----|
| GDRCo# | 142002 | | GDRCo Name | Gas Wells Thinning '22 | | |
| State THP# | 1-21-000134-Hum | | Calwater Watershed | Palmer Creek | 1111.110202 | |
| Road Point | 13 | | Legal Description | 03.0N | 01.0W | 26 |
| Road Name | F-1150 | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 402221 | E: 4496947 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Eel River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class III watercourse with a fill crossing that is 30% blown out. The watercourse goes sub-surface into a void at the TOP and resurfaces in the road prism.

TREATMENT : Install a temporary watercourse crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP and remove prior to the Winter Period of the year of use.
The road approach surface shall be treated with either: rock, slash, seed and straw mulch, seed and stabilized straw, or seed and slash from the watercourse channel to the nearest drainage facility, but not less than 50 feet, or to the hydrologic divide, whichever is less, prior to the Winter Period of the year the road is used.

| | | | |
|-------------------------------|-----|----------------------------|---------------------------|
| Excavated Volume | 53 | Erosion Potential | High |
| Delivery Volume | 37 | AHCP Priority | High |
| Disturbed Surface Area | 317 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | |
|---|-----------------|------------|---------------------------------|---|-------------|----|
| GDRCo# | 142002 | | GDRCo Name | Gas Wells Thinning '22 | | |
| State THP# | 1-21-000134-Hum | | Calwater Watershed | Palmer Creek | 1111.110202 | |
| Road Point | 14 | | Legal Description | 03.0N | 01.0W | 26 |
| Road Name | F-1150 | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 402077 | E: 4496812 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Eel River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |
| <p>CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class III watercourse crossing with a 24" CMP that is likely separated or rusted through internally. The inlet is 50% buried with advanced interior rust. There is a void under outlet and indications of seasonal flow under the pipe. The watercourse goes subsurface above a large old growth stump re-sprout cluster. Upstream of the re-sprout cluster is an unauthorized stream diversion that captures most of the flow into a plastic tub. A plastic water line that is not transporting water, runs from the tub through the culvert.</p> | | | | | | |
| <p>TREATMENT : Remove stream diversion. Remove the crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP. The road approach surface shall be treated with either: rock, slash, seed and straw mulch, seed and stabilized straw, or seed and slash from the watercourse channel to the nearest drainage facility, but not less than 50 feet, or to the hydrologic divide, whichever is less, prior to the Winter Period of the year the road is used.</p> | | | | | | |
| Excavated Volume | 193 | | Erosion Potential | Medium | | |
| Delivery Volume | 135 | | AHCP Priority | Medium | | |
| Disturbed Surface Area | 1157 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |



GREEN DIAMOND
RESOURCE COMPANY

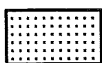
GDRCo 47-2103
CR 1000/1900 '22

Roadwork Map 1 of 4

USGS Quad: Crannell, 1966
& Trinidad, Ca. 1986
T8N, R1W Sec. 1 & 12;
T8N, R1E Sec. 6, 7, & 18 HBM

Scale: 1:6,000
1 inch = 500 feet

Plan Area



— GDRCo Ownership
— Harvest Unit Boundary

Roads

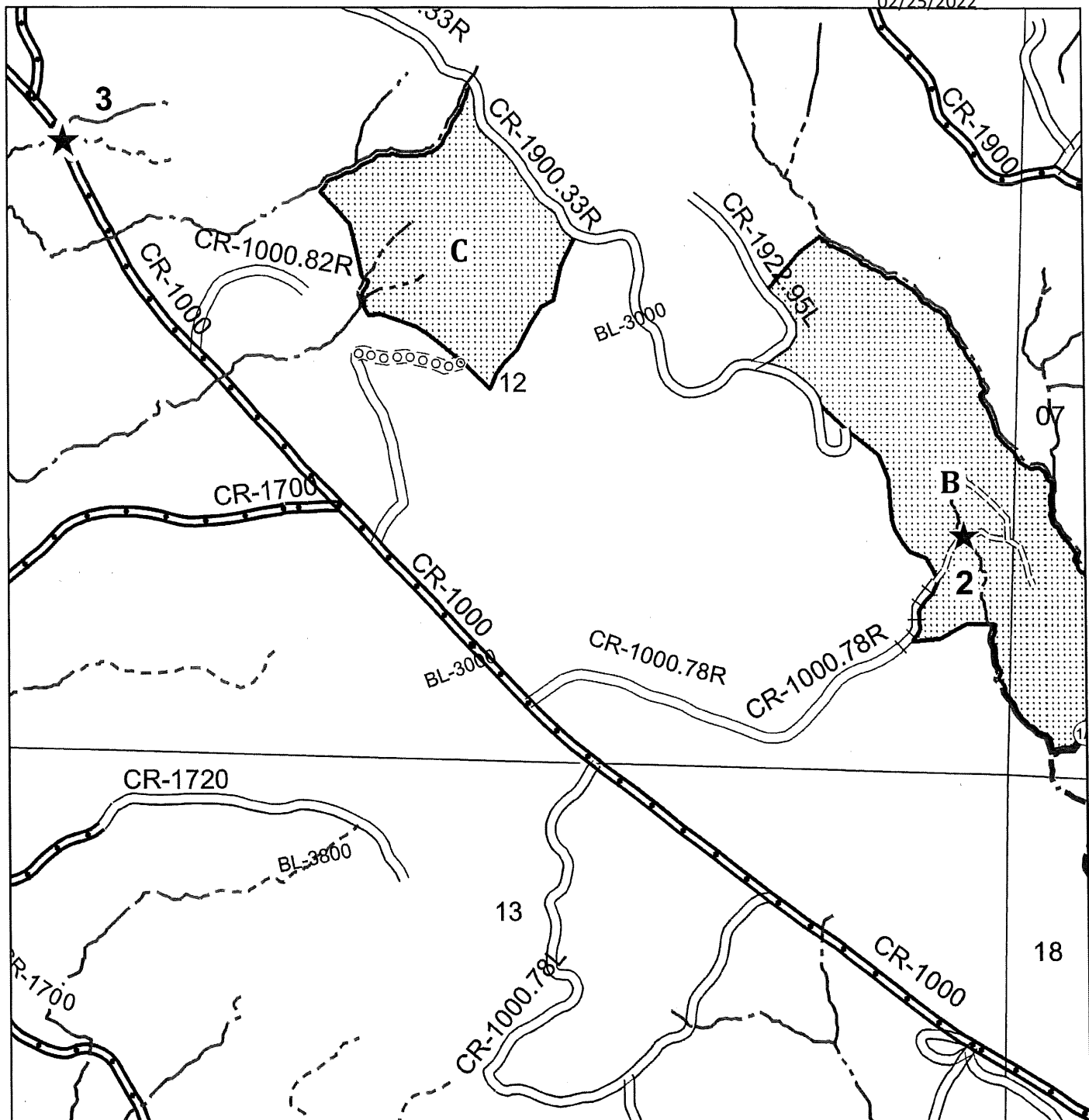
- Existing Permanent Road
- Existing Seasonal Road
- Proposed Temporary Road (to be deactivated)
- Existing Seasonal to be abandoned
- Non GD Private Road
- Road Point

Watercourse

- Class I
- Class II (II-1, II-2)
- Class III (III-A, III-B)
- Unclassified Watercourse

INTERNAL USE ONLY

Unit A - 811816
Unit B - 801214
Unit C - 801313
Unit D - 801223
Unit E - 800116



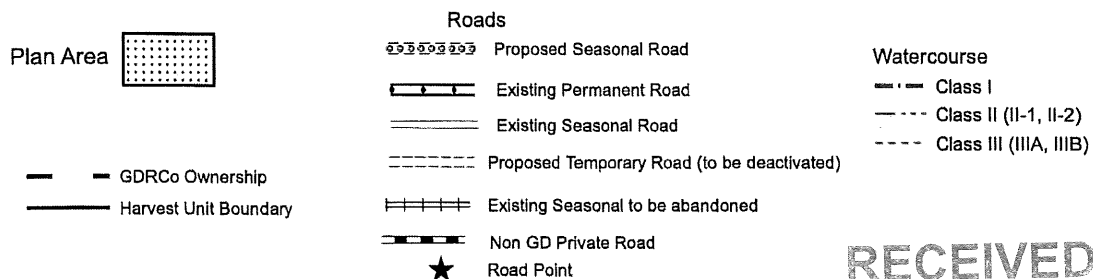
GREEN DIAMOND
RESOURCE COMPANY

GDRCo 47-2103
CR 1000/1900 '22

Roadwork Map 2 of 4

USGS Quad: Crannell, 1966
& Trinidad, Ca. 1986
T8N, R1W Sec. 1 & 12;
T8N, R1E Sec. 6,7, & 18 HBM

Scale: 1:6,000
1 inch = 500 feet



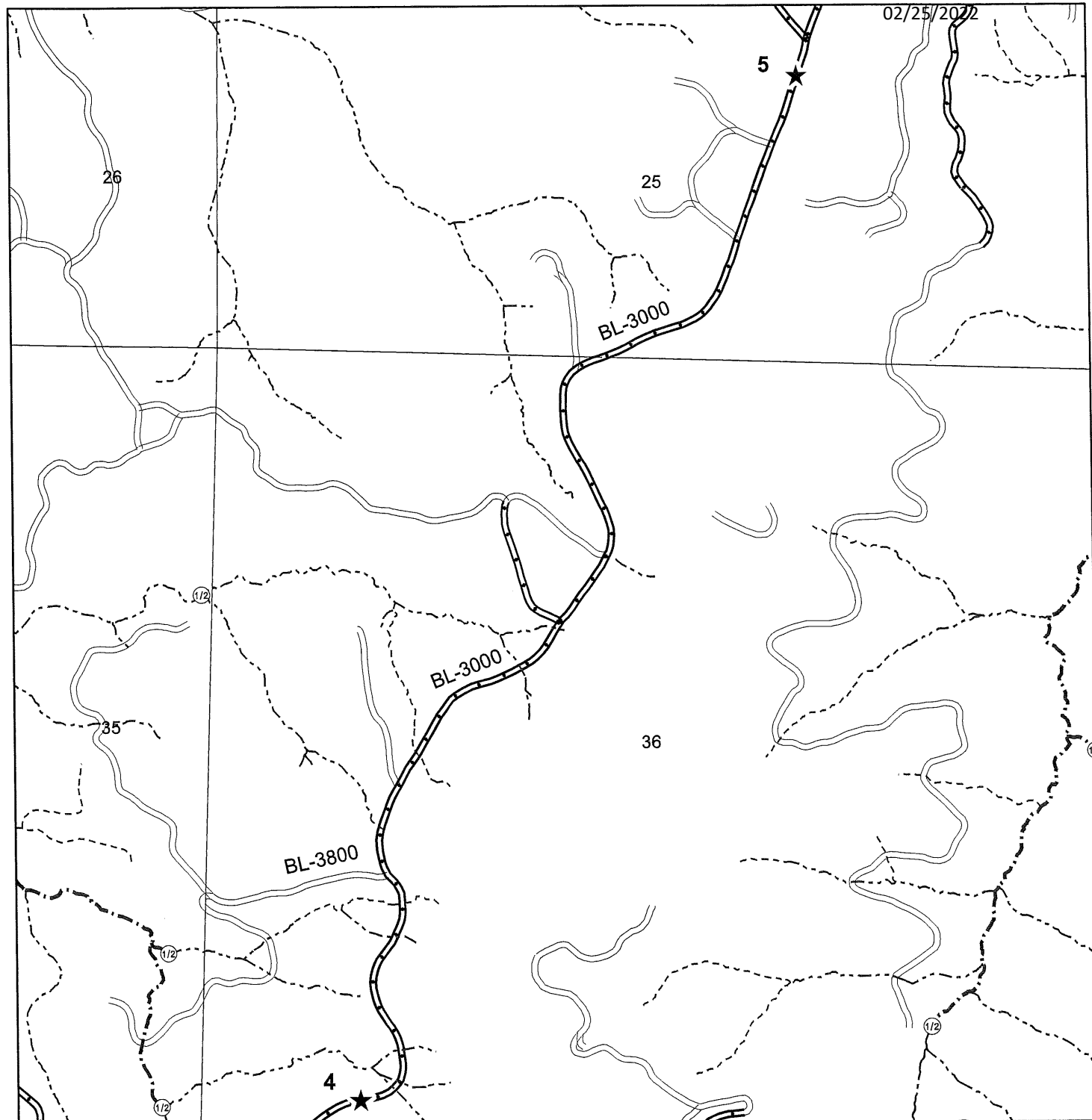
INTERNAL USE ONLY

Unit A - 811816
Unit B - 801214
Unit C - 801313
Unit D - 801223
Unit E - 800116

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OCT 05 2021

COAST AREA
RESOURCE MANAGEMENT



GREEN DIAMOND
RESOURCE COMPANY

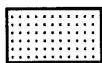
GDRCo 47-2103
CR 1000/1900 '22

Roadwork Map 3 of 4

USGS Quad: Crannell, 1966
& Trinidad, Ca. 1986
T8N, R1W Sec. 1 & 12;
T8N, R1E Sec. 6,7,& 18 HBM

Scale: 1:9,000
1 inch = 750 feet

Plan Area



— GDRCo Ownership
— Harvest Unit Boundary

Roads

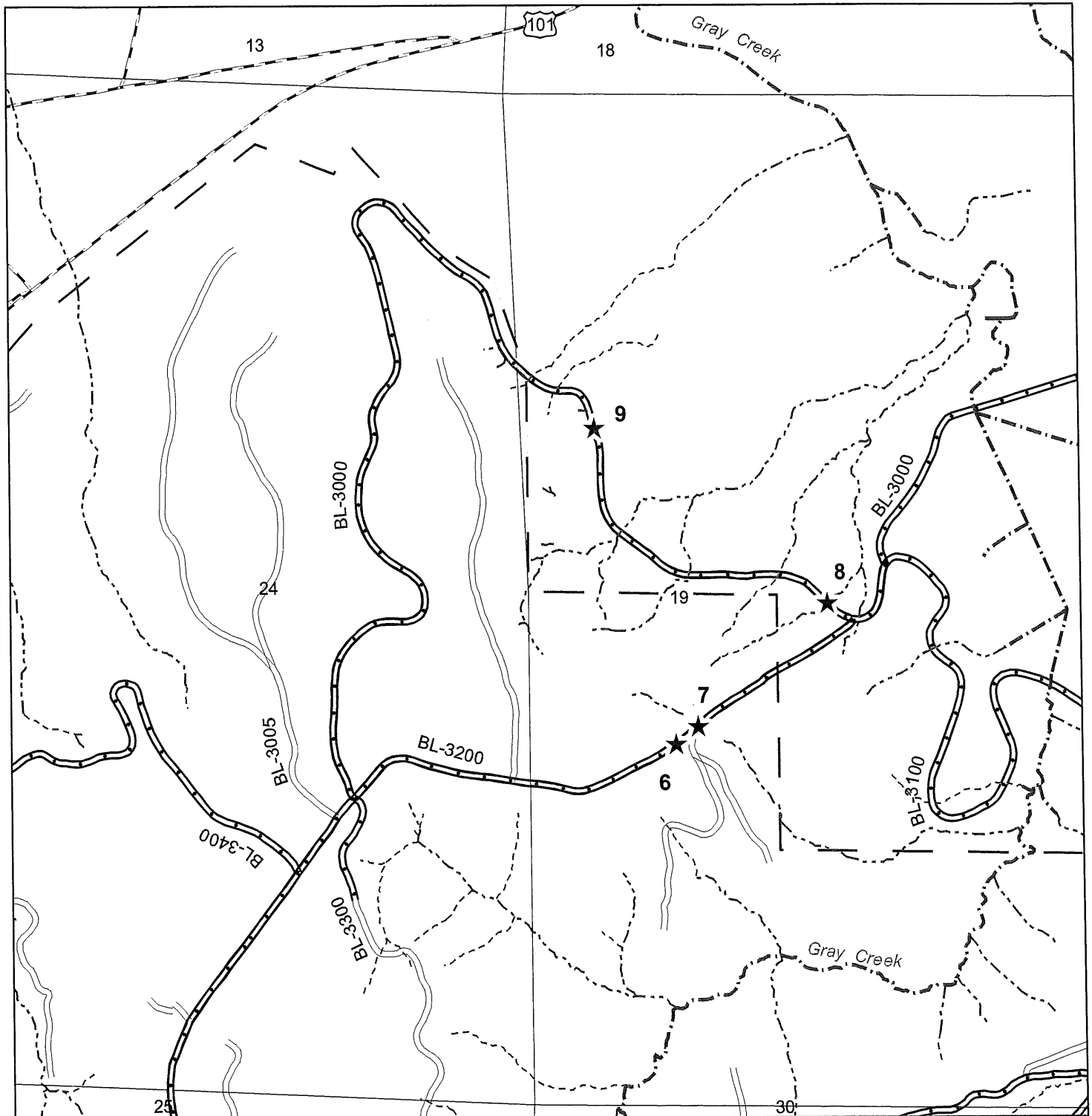
- Existing Permanent Road
- Existing Seasonal Road
- Proposed Temporary Road (to be deactivated)
- Existing Seasonal to be abandoned
- Non GD Private Road
- Road Point

Watercourse

- Class I
- Class II (II-1, II-2)
- Class III (IIIA, IIIB)

INTERNAL USE ONLY

Unit A - 811816
Unit B - 801214
Unit C - 801313
Unit D - 801223
Unit E - 800116



GREEN DIAMOND
RESOURCE COMPANY

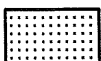
GDRCo 47-2103
CR 1000/1900 '22

Roadwork Map 4 of 4

USGS Quad: Crannell, 1966
& Trinidad, Ca. 1986
T8N, R1W Sec. 1 & 12;
T8N, R1E Sec. 6, 7, & 18 HBM

Scale: 1:9,000
1 inch = 750 feet

Plan Area



— GDRCo Ownership
— Harvest Unit Boundary

Roads

- Existing Permanent Road
- Existing Seasonal Road
- Proposed Temporary Road (to be deactivated)
- Existing Seasonal to be abandoned
- Non GD Private Road
- Road Point

Watercourse

- Class I
- Class II (II-1, II-2)
- Class III (IIIA, IIIB)

INTERNAL USE ONLY

Unit A - 811816
Unit B - 801214
Unit C - 801313
Unit D - 801223
Unit E - 800116



TMIS - Culvert Report

| SiteId | THP# | RDpts# | Acres | Length (Miles) | lower Elevation | Upper Elevation | Altitude | TC | cfs | C.Diam (inches) | C.Diam,Int (inches) | Method |
|----------|--------|--------|-------|-------------------|--------------------|--------------------|----------|------|-------|--------------------|------------------------|----------|
| 10308479 | 472104 | 01 | 12 | 0.31 | 490 | 953 | 416.7 | 3.79 | 10.58 | 24 | 19.69 | Rational |
| 10430067 | 472104 | 10 | 2.79 | 0.17 | 679 | 968 | 260.1 | 2.27 | 2.46 | 24 | 4.58 | Rational |
| 10430068 | 472104 | 11 | 15.07 | 0.51 | 707 | 1354 | 582.3 | 5.92 | 13.29 | 30 | 24.29 | Rational |
| 10430069 | 472104 | 12 | 15.21 | 0.47 | 703 | 1370 | 600.3 | 5.32 | 13.42 | 30 | 24.39 | Rational |

Date Print : 2/15/2022

| | | | | | | |
|---|---------------------------|--|---------------------------------|---|-------------|----|
| GDRCo# | 472103 | | GDRCo Name | CR 1000/1900 THP '22 | | |
| State THP# | 1-21-00143-Hum | | Calwater Watershed | McDonald Creek | 1108.100002 | |
| Road Point | 02 | | Legal Description | T12 | R | 12 |
| Road Name | Temporary | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 406010 E:4549210 | | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Temporary | | |
| Hydrologic Planning Area | Coastal Lagoons | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | NO | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |
| <p>CURRENT CONDITION : This is a new road construction site and does not qualify as an Imminent Risk of Failure site. A temporary road to be constructed crossing a Class III watercourse where no previous crossing structure exists.</p> | | | | | | |
| <p>TREATMENT : Install a temporary watercourse crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP and remove prior to the Winter Period of the year of use.</p> | | | | | | |
| Excavated Volume | 0 | | Erosion Potential | Low | | |
| Delivery Volume | 0 | | AHCP Priority | Low | | |
| Disturbed Surface Area | 0 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

Date Print : 2/15/2022

| | | | | | | |
|--|---------------------------|--|---------------------------------|--|-------------|----|
| GDRCo# | 472103 | | GDRCo Name | CR 1000/1900 THP '22 | | |
| State THP# | 1-21-00143-Hum | | Calwater Watershed | McDonald Creek | 1108.100002 | |
| Road Point | 03 | | Legal Description | 08.0N | 01.0W | 12 |
| Road Name | CR-1000 | | Annual Plan Year | 2022 | | |
| Road Surface | Rock | | Work Timing | Prior to the Winter Period (Oct.16), unless 'Unseasonably Dry Fall conditions' are in effect (Oct.16 - Nov.15) of the year of use. | | |
| UTM | N : 405057 E:4549635 | | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Permanent | | |
| Hydrologic Planning Area | Coastal Lagoons | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | NO | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure site. A Class II watercourse that is not hydrologically disconnected from the ditch. | | | | | | |
| TREATMENT : Install a DRC to hydrologically disconnect the ditch from the adjacent watercourse at the flagged location | | | | | | |
| Excavated Volume | 0 | | Erosion Potential | Medium | | |
| Delivery Volume | 0 | | AHCP Priority | Medium | | |
| Disturbed Surface Area | 0 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

Date Print : 2/15/2022

| | | | | | | |
|---|---------------------------|--|---------------------------------|--|-------------|----|
| GDRCo# | 472103 | | GDRCo Name | CR 1000/1900 THP '22 | | |
| State THP# | 1-21-00143-Hum | | Calwater Watershed | McDonald Creek | 1108.100002 | |
| Road Point | 04 | | Legal Description | 09.0N | 01.0W | 36 |
| Road Name | BL-3000 | | Annual Plan Year | 2022 | | |
| Road Surface | Rock | | Work Timing | Prior to the Winter Period (Oct.16), unless 'Unseasonably Dry Fall conditions' are in effect (Oct.16 - Nov.15) of the year of use. | | |
| UTM | N : 404787 E:4552675 | | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Permanent | | |
| Hydrologic Planning Area | Coastal Lagoons | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | NO | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure site. A Class II watercourse that is not hydrologically disconnected from the ditch | | | | | | |
| TREATMENT : Install a DRC to hydrologically disconnect the ditch from the adjacent watercourse at the flagged location | | | | | | |
| Excavated Volume | 0 | | Erosion Potential | Medium | | |
| Delivery Volume | 0 | | AHCP Priority | Medium | | |
| Disturbed Surface Area | 0 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

Date Print : 2/15/2022

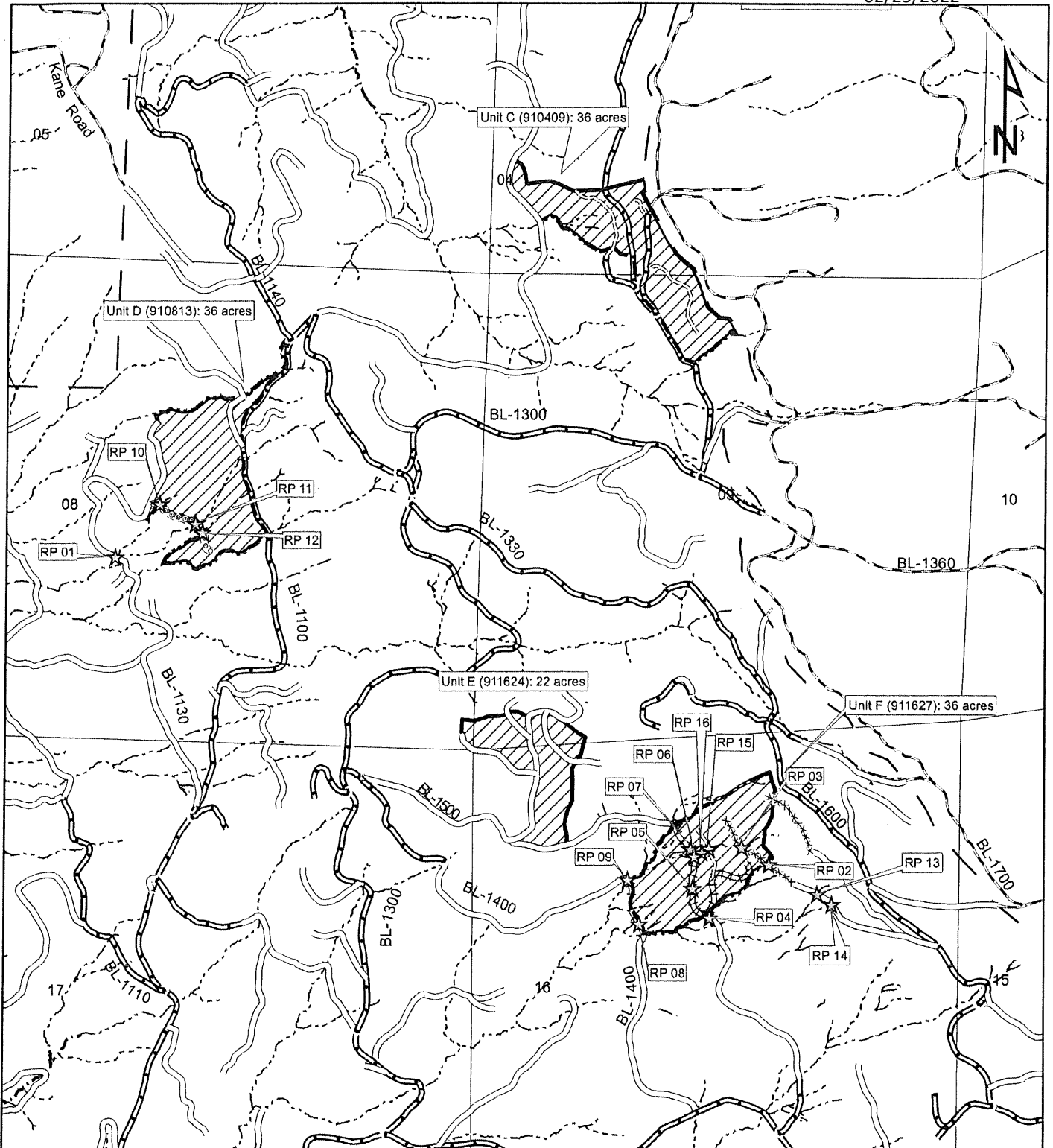
| | | | | | | |
|---|---------------------------|--|---------------------------------|--|-------------|----|
| GDRCo# | 472103 | | GDRCo Name | CR 1000/1900 THP '22 | | |
| State THP# | 1-21-00143-Hum | | Calwater Watershed | Pitcher Creek | 1108.100001 | |
| Road Point | 06 | | Legal Description | 09.0N | 01.0E | 19 |
| Road Name | BL-3200 | | Annual Plan Year | 2022 | | |
| Road Surface | Rock | | Work Timing | Prior to the Winter Period (Oct.16), unless 'Unseasonably Dry Fall conditions' are in effect (Oct.16 - Nov.15) of the year of use. | | |
| UTM | N : 406471 E:4555952 | | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Permanent | | |
| Hydrologic Planning Area | Coastal Lagoons | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | NO | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure site. The adjacent Class II watercourse is not hydrologically disconnected from the ditch | | | | | | |
| TREATMENT : Install a DRC to hydrologically disconnect the ditch from the adjacent watercourse at the flagged location. | | | | | | |
| Excavated Volume | 0 | | Erosion Potential | Medium | | |
| Delivery Volume | 0 | | AHCP Priority | Medium | | |
| Disturbed Surface Area | 0 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

Date Print : 2/15/2022

| | | | | | | |
|--|---------------------------|--|---------------------------------|--|-------------|----|
| GDRCo# | 472103 | | GDRCo Name | CR 1000/1900 THP '22 | | |
| State THP# | 1-21-00143-Hum | | Calwater Watershed | Pitcher Creek | 1108.100001 | |
| Road Point | 07 | | Legal Description | 09.0N | 01.0E | 19 |
| Road Name | BL-3200 | | Annual Plan Year | 2022 | | |
| Road Surface | Rock | | Work Timing | Prior to the Winter Period (Oct.16), unless 'Unseasonably Dry Fall conditions' are in effect (Oct.16 - Nov.15) of the year of use. | | |
| UTM | N : 406507 E:4555980 | | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Permanent | | |
| Hydrologic Planning Area | Coastal Lagoons | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |
| <p>CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure site. A Class II fill crossing in a location with a high delivery risk. There is an adjacent overflow pipe on left approach, but this is inadequate to stop diversion.</p> | | | | | | |
| <p>TREATMENT : Excavate between the flagged TOP and BOT removing sediment, debris and buried logs. Install a 24" CMP to FPR and GDRCo AHCP guidelines as described in Section II of this THP.</p> | | | | | | |
| Excavated Volume | 68 | | Erosion Potential | High | | |
| Delivery Volume | 47 | | AHCP Priority | High | | |
| Disturbed Surface Area | 408 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

Date Print : 2/15/2022

| | | | | | | |
|--|-----------------|--|---------------------------------|--|-------------|----|
| GDRCo# | 472103 | | GDRCo Name | CR 1000/1900 THP '22 | | |
| State THP# | 1-21-00143-Hum | | Calwater Watershed | Pitcher Creek | 1108.100001 | |
| Road Point | 09 | | Legal Description | 09.0N | 01.0E | 19 |
| Road Name | BL-3000 | | Annual Plan Year | 2022 | | |
| Road Surface | Rock | | Work Timing | Work will be completed prior to the first Winter Period pending THP approval. If the THP approval occurs on or after July 1 then work will be completed the following year prior to the Winter Period. | | |
| UTM | N : 406344 | | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Permanent | | |
| Hydrologic Planning Area | Coastal Lagoons | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | NO | | |
| Fees Payed From Previous AWP | NO | | | | | |
| <p>CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class III watercourse emerges from the inside cutslope in a through-cut road and diverts approx. 75' down an unrocked ditch to a 24" CPP where the through-cut ends and adequate drainage can be achieved. The watercourse is downcutting the unrocked ditch and accumulating fine sediment at the inlet and delivering to the watercourse. Additionally, the seepy uphill ditch line also has no location for adequate relief to be installed and this is contributing sediment.</p> | | | | | | |
| <p>TREATMENT : Clean the inlet of the CPP and rock the ditch line from the watercourse to the pipe inlet, and from the watercourse to 75' uphill on the left approach to reduce ditch sediment transport.</p> | | | | | | |
| Excavated Volume | 0 | | Erosion Potential | High | | |
| Delivery Volume | 0 | | AHCP Priority | Low | | |
| Disturbed Surface Area | 0 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |



GREEN DIAMOND
RESOURCE COMPANY

GDRCo: 47-2104

South McDonald 2022

T09N R01E Sections 4, 8, 9, & 16 HB&M;
T10N R01E Section 33Scale:
1:18,000

Rodgers Peak Quad (1966)

Road Work Map

Contour interval = 40 ft.

1 inch = 1,500 feet

Harvest Units



GDRCo Ownership



Harvest Unit Boundary



Roads

- Public Road
- Existing Permanent Road
- Existing Seasonal Road
- Proposed Seasonal Road
- Existing Seasonal to be Reconstructed
- Existing Seasonal Road (to be abandoned)
- Proposed Temporary Road (to be abandoned)
- Existing Seasonal (not proposed for use)

★ Road Point

Watercourse

- Class I
- Class II (II-1, II-2)
- Class III (IIIA, IIIB)

RECEIVED

OCT 25 2021

COAST AREA
RESOURCE MANAGEMENT

INTERNAL USE ONLY

| | |
|------------|-----------|
| A: 1013325 | D: 910813 |
| B: 1013324 | E: 911624 |
| C: 910409 | F: 911627 |

53

PART OF PLAN



TMIS - Culvert Report

| SiteId | THP# | RDpts# | Acres | Length (Miles) | lower Elevation | Upper Elevation | Altitude | TC | cfs | C.Diam (inches) | C.Diam,Int (inches) | Method |
|----------|--------|--------|-------|-------------------|--------------------|--------------------|----------|------|-------|--------------------|------------------------|----------|
| 10308479 | 472104 | 01 | 12 | 0.31 | 490 | 953 | 416.7 | 3.79 | 10.58 | 24 | 19.69 | Rational |
| 10430067 | 472104 | 10 | 2.79 | 0.17 | 679 | 968 | 260.1 | 2.27 | 2.46 | 24 | 4.58 | Rational |
| 10430068 | 472104 | 11 | 15.07 | 0.51 | 707 | 1354 | 582.3 | 5.92 | 13.29 | 30 | 24.29 | Rational |
| 10430069 | 472104 | 12 | 15.21 | 0.47 | 703 | 1370 | 600.3 | 5.32 | 13.42 | 30 | 24.39 | Rational |

| | | | | | | | |
|---|-----------------|-----------|--|---------------------------------|--|-------------|---|
| GDRCo# | 472104 | | | GDRCo Name | South McDonald 22 | | |
| State THP# | 1-21-00120-Hum | | | Calwater Watershed | McDonald Creek | 1108.100002 | |
| Road Point | 01 | | | Legal Description | 09.0N | 01.0E | 8 |
| Road Name | BL-1130 | | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | | Work Timing | Prior to the Winter Period (Oct.16), unless 'Unseasonably Dry Fall conditions' are in effect (Oct.16 - Nov.15) of the year of use. | | |
| UTM | N : 408288 | E:4559185 | | Wildlife Restrictions | NO | | |
| Work Type | THP | | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Coastal Lagoons | | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | | ECP Req? | NO | | |
| PreConsultation Completed? | NO | | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | | |
| CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure site. A Class III watercourse crossing with a burrito style drainage structure. There is a small void in the outboard fill. | | | | | | | |
| TREATMENT : Excavate between the flagged TOP and BOT removing sediment, debris, and buried logs. Install a 24" CMP to FPR and GDRCo AHCP guidelines as described in Section II of this THP. | | | | | | | |
| Excavated Volume | 37 | | | Erosion Potential | Low | | |
| Delivery Volume | 26 | | | AHCP Priority | Low | | |
| Disturbed Surface Area | 223 | | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|-------------------------------------|-----------------|-----------|---------------------------------|---|-------------|----|
| GDRCo# | 472104 | | GDRCo Name | South McDonald 22 | | |
| State THP# | 1-21-00120-Hum | | Calwater Watershed | Pitcher Creek | 1108.100001 | |
| Road Point | 02 | | Legal Description | T16 | R | 16 |
| Road Name | BL 1600 F2 | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 410420 | E:4558180 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Coastal Lagoons | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class II watercourse crossing that lacks a drainage structure begins above the road at two seep locations. TOP 1 is located at the base of an old growth stump and TOP 2 is located to the right on the cut slope. This watercourse is located on an existing road that requires reconstruction.

TREATMENT : Excavate between the flagged TOP1 & TOP2 and the BOT removing sediment, debris, and buried logs. Install a temporary watercourse crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP and remove prior to the Winter Period of the year of use.

| | | | |
|-------------------------------|-----|----------------------------|---------------------------|
| Excavated Volume | 84 | Erosion Potential | High |
| Delivery Volume | 59 | AHCP Priority | High |
| Disturbed Surface Area | 506 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | |
|-------------------------------------|-----------------|-----------|---------------------------------|---|-------------|----|
| GDRCo# | 472104 | | GDRCo Name | South McDonald 22 | | |
| State THP# | 1-21-00120-Hum | | Calwater Watershed | Pitcher Creek | 1108.100001 | |
| Road Point | 03 | | Legal Description | T16 | R | 16 |
| Road Name | BL 1600 F2 | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 410331 | E:4558240 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Coastal Lagoons | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class II watercourse with a failing fill crossing where a gully has eroded to grade, through the fill.

TREATMENT : Excavate between the flagged TOP and BOT removing sediment, debris, and buried logs. Install a temporary watercourse crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP and remove prior to the Winter Period of the year of use. This watercourse is located on an existing road that requires reconstruction.

| | | | |
|-------------------------------|-----|----------------------------|---------------------------|
| Excavated Volume | 57 | Erosion Potential | High |
| Delivery Volume | 40 | AHCP Priority | High |
| Disturbed Surface Area | 343 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | |
|-------------------------------------|-----------------|-----------|---------------------------------|---|-------------|----|
| GDRCo# | 472104 | | GDRCo Name | South McDonald 22 | | |
| State THP# | 1-21-00120-Hum | | Calwater Watershed | Pitcher Creek | 1108.100001 | |
| Road Point | 06 | | Legal Description | 09.0N | 01.0E | 16 |
| Road Name | BL-1500 | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 410174 | E:4558208 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Coastal Lagoons | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class II watercourse drains through the road prism through a hollow in a burned out and buried log.

TREATMENT : Excavate between the flagged TOP and BOT removing sediment, debris, and buried logs. Install a temporary watercourse crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP and remove prior to the Winter Period of the year of use.

| | | | |
|-------------------------------|------|----------------------------|---------------------------|
| Excavated Volume | 218 | Erosion Potential | High |
| Delivery Volume | 153 | AHCP Priority | High |
| Disturbed Surface Area | 1311 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | |
|-------------------------------------|-----------------|-----------|---------------------------------|---|-------------|----|
| GDRCo# | 472104 | | GDRCo Name | South McDonald 22 | | |
| State THP# | 1-21-00120-Hum | | Calwater Watershed | Pitcher Creek | 1108.100001 | |
| Road Point | 07 | | Legal Description | 09.0N | 01.0E | 16 |
| Road Name | BL-1500 | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 410161 | E:4558234 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Coastal Lagoons | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class II watercourse with a failing fill crossing where a channel has eroded through the fill to grade. 85% of the fill is remaining.

TREATMENT : Excavate between the flagged TOP and BOT removing sediment, debris, and buried logs. Install a temporary watercourse crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP and remove prior to the Winter Period of the year of use.

| | | | |
|-------------------------------|-----|----------------------------|---------------------------|
| Excavated Volume | 149 | Erosion Potential | High |
| Delivery Volume | 104 | AHCP Priority | High |
| Disturbed Surface Area | 891 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | | |
|---|-----------------|-----------|--|---------------------------------|--|-------------|----|
| GDRCo# | 472104 | | | GDRCo Name | South McDonald 22 | | |
| State THP# | 1-21-00120-Hum | | | Calwater Watershed | Pitcher Creek | 1108.100001 | |
| Road Point | 08 | | | Legal Description | 09.0N | 01.0E | 16 |
| Road Name | BL-1400 | | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | | Work Timing | Work will be completed prior to the first Winter Period pending THP approval. If the THP approval occurs on or after July 1 then work will be completed the following year prior to the Winter Period. | | |
| UTM | N : 409994 | E:4557985 | | Wildlife Restrictions | NO | | |
| Work Type | THP | | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Coastal Lagoons | | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | | |
| <p>CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. Multiple Class II seeps and watercourses lacking any drainage structure located in a geologic feature. Poor road drainage at this location and an extensive wet area on the inboard road edge have caused erosional gullying to form in the road fill. This site was assessed in the field by a GDRCo geologist. This road will not be used for log hauling.</p> | | | | | | | |
| <p>TREATMENT : Excavate between the flagged TOP and BOT removing sediment debris and buried logs. Install a temporary Outslope road as feasible and install drainage structures at extreme EHR for ~350 feet from the boundary crossing to where the road disappears.</p> | | | | | | | |
| Excavated Volume | 456 | | | Erosion Potential | High | | |
| Delivery Volume | 319 | | | AHCP Priority | High | | |
| Disturbed Surface Area | 2734 | | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|-------------------------------------|-----------------|-----------|---------------------------------|---|-------------|----|
| GDRCo# | 472104 | | GDRCo Name | South McDonald 22 | | |
| State THP# | 1-21-00120-Hum | | Calwater Watershed | Pitcher Creek | 1108.100001 | |
| Road Point | 09 | | Legal Description | 09.0N | 01.0E | 16 |
| Road Name | BL-1400 | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 409955 | E:4558132 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Coastal Lagoons | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class II watercourse with a failing Humboldt crossing has eroded 60% of the road fill. The stream meanders through a sediment wedge above the inlet.

TREATMENT : Excavate between the flagged TOP and BOT removing sediment, debris, and buried logs. Install a temporary watercourse crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP and remove prior to the Winter Period of the year of use.

| | | | |
|-------------------------------|-----|----------------------------|---------------------------|
| Excavated Volume | 154 | Erosion Potential | High |
| Delivery Volume | 108 | AHCP Priority | High |
| Disturbed Surface Area | 926 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | |
|-------------------------------------|-----------------|-----------|---------------------------------|---|-------------|---|
| GDRCo# | 472104 | | GDRCo Name | South McDonald 22 | | |
| State THP# | 1-21-00120-Hum | | Calwater Watershed | McDonald Creek | 1108.100002 | |
| Road Point | 10 | | Legal Description | T08 | R | 8 |
| Road Name | Seasonal_D | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 408402 | E:4559370 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Coastal Lagoons | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | NO | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : This is a new road construction site and does not qualify as an Imminent Risk of Failure site. A proposed seasonal road to be constructed crosses a Class III watercourse.

TREATMENT : Install a temporary watercourse crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP and remove prior to the Winter Period of the year of use.
Or install a 24" CMP to FPR and GDRCo AHCP guidelines as described in Section II of this THP.

| | | | |
|-------------------------------|---|----------------------------|---------------------------|
| Excavated Volume | 0 | Erosion Potential | Low |
| Delivery Volume | 0 | AHCP Priority | NAP |
| Disturbed Surface Area | 0 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | |
|-------------------------------------|-----------------|-----------|---------------------------------|---|-------------|---|
| GDRCo# | 472104 | | GDRCo Name | South McDonald 22 | | |
| State THP# | 1-21-00120-Hum | | Calwater Watershed | McDonald Creek | 1108.100002 | |
| Road Point | 11 | | Legal Description | T08 | R | 8 |
| Road Name | Seasonal_D | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 408523 | E:4559310 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Coastal Lagoons | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | NO | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : This is a new road construction site and does not qualify as an Imminent Risk of Failure site. A proposed seasonal road to be constructed crosses a Class II watercourse.

TREATMENT : Install a temporary watercourse crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP and remove prior to the Winter Period of the year of use.
Or install a 30" CMP to FPR and GDRCo AHCP guidelines as described in Section II of this THP.

| | | | |
|-------------------------------|---|----------------------------|---------------------------|
| Excavated Volume | 0 | Erosion Potential | Low |
| Delivery Volume | 0 | AHCP Priority | NAP |
| Disturbed Surface Area | 0 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | |
|-------------------------------------|-----------------|-----------|---------------------------------|---|-------------|---|
| GDRCo# | 472104 | | GDRCo Name | South McDonald 22 | | |
| State THP# | 1-21-00120-Hum | | Calwater Watershed | McDonald Creek | 1108.100002 | |
| Road Point | 12 | | Legal Description | T08 | R | 8 |
| Road Name | Seasonal_D | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 408545 | E:4559280 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Coastal Lagoons | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | NO | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : This is a new road construction site and does not qualify as an Imminent Risk of Failure site. A proposed seasonal road to be constructed crosses a Class II watercourse.

TREATMENT : Install a temporary watercourse crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP and remove prior to the Winter Period of the year of use.
Or install a 30" CMP to FPR and GDRCo AHCP guidelines as described in Section II of this THP.

| | | | |
|-------------------------------|---|----------------------------|---------------------------|
| Excavated Volume | 0 | Erosion Potential | Low |
| Delivery Volume | 0 | AHCP Priority | NAP |
| Disturbed Surface Area | 0 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | | |
|--|-----------------|-----------|--|---------------------------------|---|-------------|----|
| GDRCo# | 472104 | | | GDRCo Name | South McDonald 22 | | |
| State THP# | 1-21-00120-Hum | | | Calwater Watershed | Pitcher Creek | 1108.100001 | |
| Road Point | 13 | | | Legal Description | 09.0N | 01.0E | 16 |
| Road Name | BL-1660.15L | | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 410581 | E:4558087 | | Wildlife Restrictions | NO | | |
| Work Type | THP | | | Road Use Restriction | Temporary | | |
| Hydrologic Planning Area | Coastal Lagoons | | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | | ECP Req? | NO | | |
| PreConsultation Completed? | NO | | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | | |
| CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure site. A Class II watercourse with a crossing that has been removed to FPR and GDRCo AHCP guidelines. | | | | | | | |
| TREATMENT : Install a temporary watercourse crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP and remove prior to the Winter Period of the year of use. | | | | | | | |
| Excavated Volume | 0 | | | Erosion Potential | Low | | |
| Delivery Volume | 0 | | | AHCP Priority | NAP | | |
| Disturbed Surface Area | 0 | | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|-------------------------------------|-----------------|-----------|---------------------------------|---|-------------|----|
| GDRCo# | 472104 | | GDRCo Name | South McDonald 22 | | |
| State THP# | 1-21-00120-Hum | | Calwater Watershed | Pitcher Creek | 1108.100001 | |
| Road Point | 14 | | Legal Description | 09.0N | 01.0E | 16 |
| Road Name | BL-1660.15L | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 410628 | E:4558051 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Temporary | | |
| Hydrologic Planning Area | Coastal Lagoons | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | NO | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

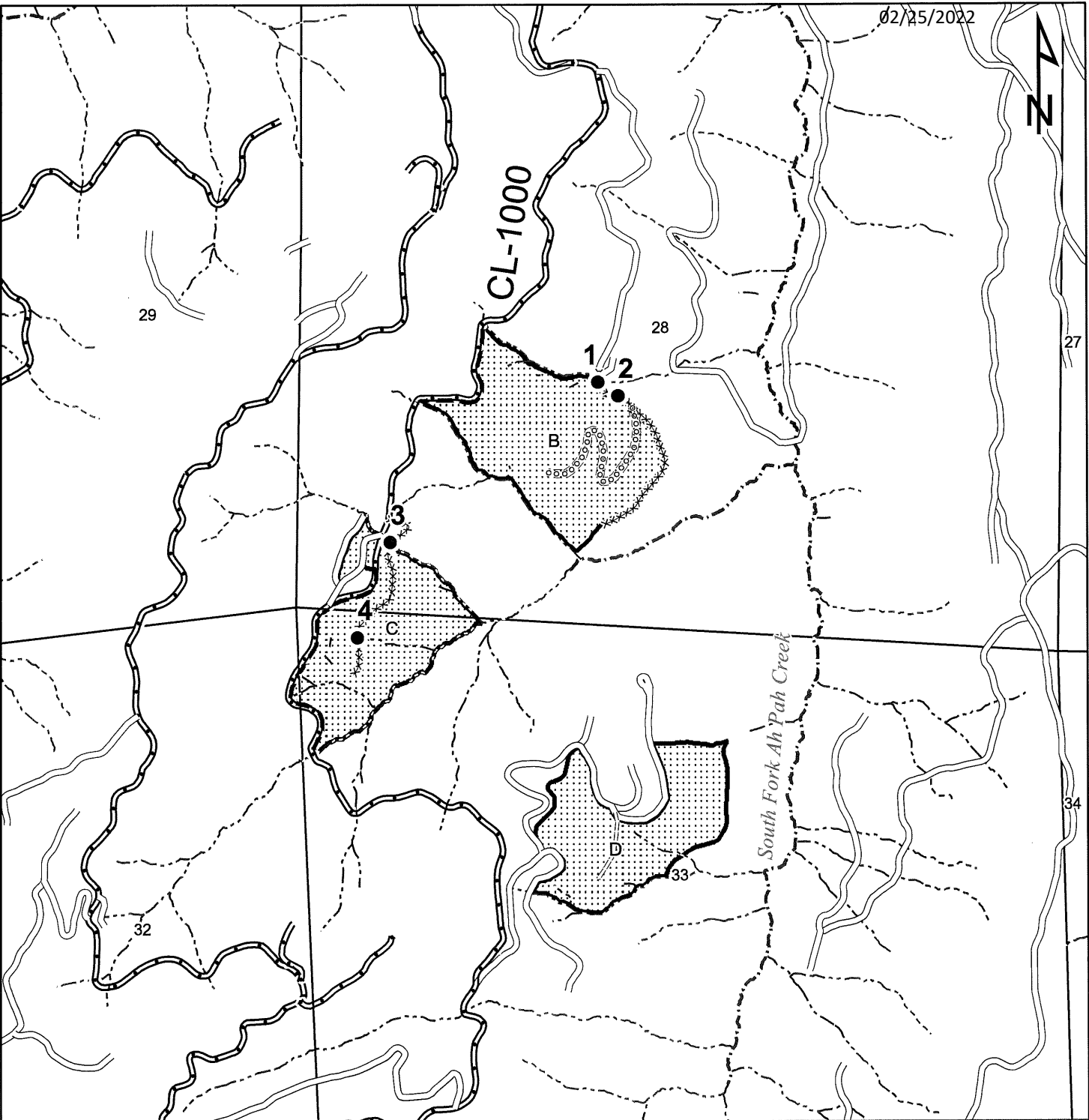
CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure site. A Class III watercourse with a crossing that has been removed to FPR and GDRCo AHCP guidelines.

TREATMENT : Install a temporary watercourse crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP and remove prior to the Winter Period of the year of use.

| | | | |
|-------------------------------|---|----------------------------|---------------------------|
| Excavated Volume | 0 | Erosion Potential | Low |
| Delivery Volume | 0 | AHCP Priority | NAP |
| Disturbed Surface Area | 0 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | | |
|---|-----------------|-----------|--|---------------------------------|---|-------------|----|
| GDRCo# | 472104 | | | GDRCo Name | South McDonald 22 | | |
| State THP# | 1-21-00120-Hum | | | Calwater Watershed | Pitcher Creek | 1108.100001 | |
| Road Point | 15 | | | Legal Description | T16 | R | 16 |
| Road Name | Temporary | | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 410221 | E:4558230 | | Wildlife Restrictions | NO | | |
| Work Type | THP | | | Road Use Restriction | Temporary | | |
| Hydrologic Planning Area | Coastal Lagoons | | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | | |
| <p>CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A class II watercourse is diverted to the right at a historic skid trail crossing. No fill erosion has occurred, however, the watercourse is diverted in a channel that has eroded to RP 7. A temporary road is proposed across this site.</p> | | | | | | | |
| <p>TREATMENT : Use this crossing as it is. Upon completion of operations remove the fill crossing to FPR and GDRCo AHCP guidelines as described Section II of this THP. If water present at the time of operations, install a temporary water crossing and remove prior to the Winter Period of the year of use.</p> | | | | | | | |
| Excavated Volume | 0 | | | Erosion Potential | High | | |
| Delivery Volume | 0 | | | AHCP Priority | Medium | | |
| Disturbed Surface Area | 0 | | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | | |
|--|-----------------|-----------|--|---------------------------------|---|-------------|----|
| GDRCo# | 472104 | | | GDRCo Name | South McDonald 22 | | |
| State THP# | 1-21-00120-Hum | | | Calwater Watershed | Pitcher Creek | 1108.100001 | |
| Road Point | 16 | | | Legal Description | T16 | R | 16 |
| Road Name | Historic | | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 410197 | E:4558220 | | Wildlife Restrictions | NO | | |
| Work Type | THP | | | Road Use Restriction | Historic | | |
| Hydrologic Planning Area | Coastal Lagoons | | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | | |
| <p>CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure site. A Class II watercourse on an historic skid trail. Water currently flows under fill with no erosional voids or evidence of fill failure. The diversion from above (RP 15) shall direct increased flows to this crossing location.</p> | | | | | | | |
| <p>TREATMENT : Abandon skid crossing in conjunction with RP 15. Excavate sediment debris and remove buried logs. Remove the crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP.</p> | | | | | | | |
| Excavated Volume | 0 | | | Erosion Potential | Low | | |
| Delivery Volume | 0 | | | AHCP Priority | Low | | |
| Disturbed Surface Area | 0 | | | Excavated Materials | Soil,Gravel,Rock and Wood | | |



 **GREEN DIAMOND
RESOURCE COMPANY**

GDRCo # 56-2102 CL North 1000 THP
USGS Ah Pah Ridge, CA 1983
USGS Holter Ridge, CA 1983

Roadwork Points

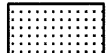
Scale:
1:12,000

T 11N, R 02E, HBM | T 12N, R 02E, HBM

1 inch = 1,000 feet

● Roadwork Point

Plan Area






— GDRCo Ownership
— Harvest Unit Boundary

Roads

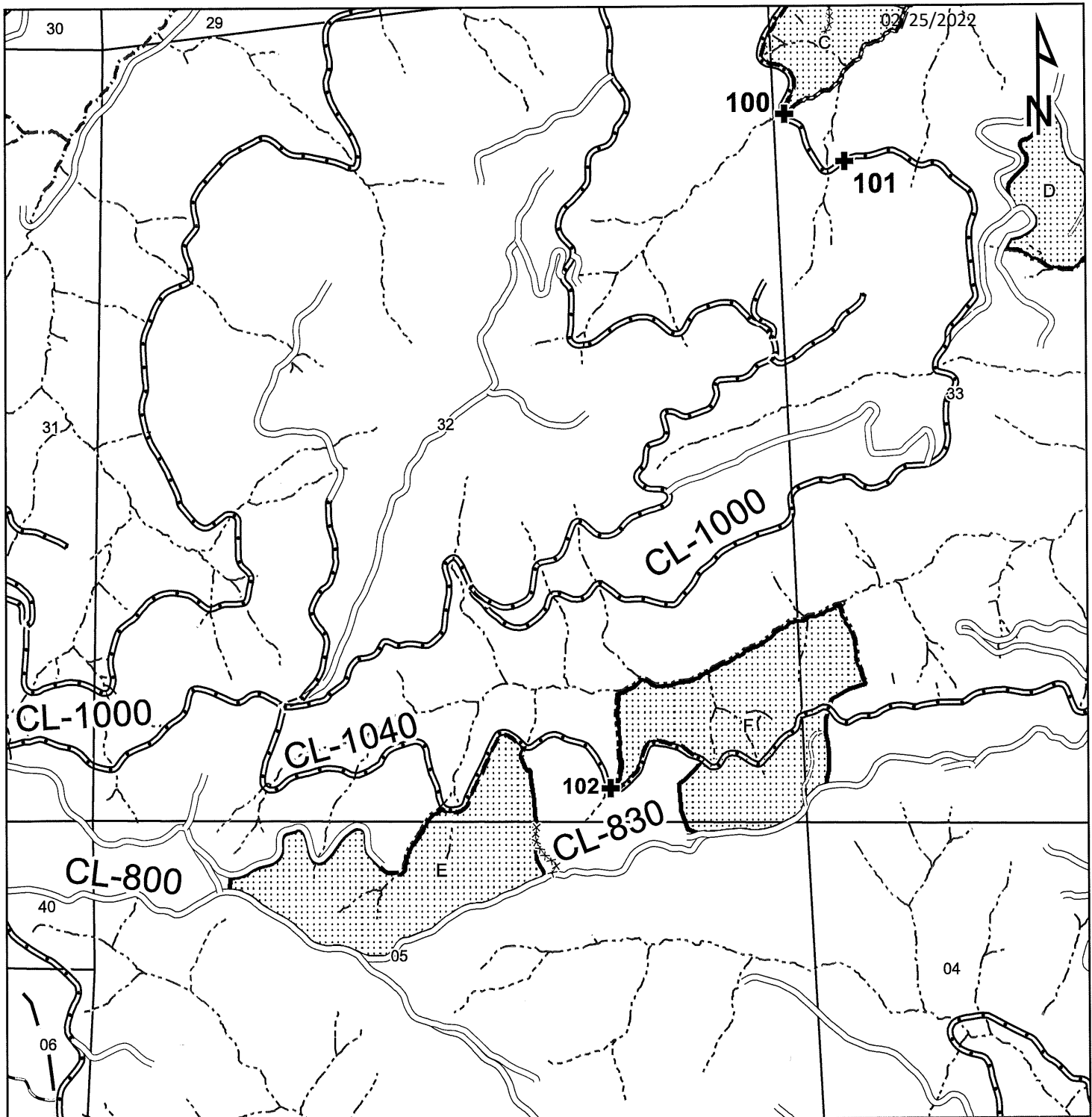
-  Public Road
-  Existing Permanent Road
-  Existing Seasonal Road
-  Existing Seasonal to be Reconstructed and Deactivated
-  Proposed Temporary Road (to be deactivated)
-  Proposed Seasonal Road (to be deactivated)

Watercourse

-  Class I
-  Class II (II-1, II-2)
-  Class III (IIIA, IIIB)

INTERNAL USE ONLY

- A - 1223010
- B - 1222807
- C - 1223323
- D - 1223319
- E - 1120514
- F - 1223215



GREEN DIAMOND
RESOURCE COMPANY

GDRCo # 56-2102 CL North 1000 THP
USGS Ah Pah Ridge, CA 1983
USGS Holter Ridge, CA 1983

Road Maintenance Points

T 11N, R 02E, HBM | T 12N, R 02E, HBM

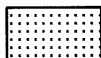
Scale:

1:12,000

1 inch = 1,000 feet

⊕ Road Maintenance Point

Plan Area



— GDRCo Ownership
— Harvest Unit Boundary

Roads

— Public Road
— Existing Permanent Road
— Existing Seasonal Road
××××××× Existing Seasonal to be Reconstructed and deactivated
- - - - - Proposed Temporary Road (to be deactivated)

Watercourse

— Class I
- - - Class II (II-1, II-2)
- - - Class III (IIIA, IIIB)
INTERNAL USE ONLY

A - 1223010
B - 1222807
C - 1223323
D - 1223319
E - 1120514
F - 1223215

57.2



TMIS - Culvert Report

| Siteld | THP# | RDpts# | Acres | Length (Miles) | lower Elevation | Upper Elevation | Altitude | TC | cfs | C.Diam (inches) | C.Diam,Int (inches) | Method |
|----------|--------|--------|-------|-------------------|--------------------|--------------------|----------|------|------|--------------------|------------------------|----------|
| 10429062 | 562102 | 3 | 29 | 0.31 | 1102 | 1641 | 485.1 | 3.57 | 34.1 | 42 | 36.48 | Rational |

Date Print : 2/15/2022

| | | | | | | | |
|---|-----------------|-----------|--|---------------------------------|--|-------------|----|
| GDRCo# | 562102 | | | GDRCo Name | CL North 1000 | | |
| State THP# | 1-21-00168-Hum | | | Calwater Watershed | Ah Pah Creek | 1105.110702 | |
| Road Point | 100 | | | Legal Description | 12.0N | 02.0E | 33 |
| Road Name | CL-1000 | | | Annual Plan Year | 2022 | | |
| Road Surface | Rock | | | Work Timing | Prior to the Winter Period (Oct.16), unless 'Unseasonably Dry Fall conditions' are in effect (Oct.16 - Nov.15) of the year of use. | | |
| UTM | N : 419552 | E:4582517 | | Wildlife Restrictions | NO | | |
| Work Type | THP | | | Road Use Restriction | Permanent | | |
| Hydrologic Planning Area | Coastal Klamath | | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | | 1600 Req? | NO | | |
| Fees Payed From Previous AWP | NO | | | | | | |
| CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure site. A Class II watercourse is hydrologically connected to the road surface on both the left and right approach. | | | | | | | |
| TREATMENT : Install a drainage structures to adequately drain the road surface at the flagged locations. | | | | | | | |
| Excavated Volume | 0 | | | Erosion Potential | Low | | |
| Delivery Volume | 0 | | | AHCP Priority | Medium | | |
| Disturbed Surface Area | 0 | | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

Date Print : 2/15/2022

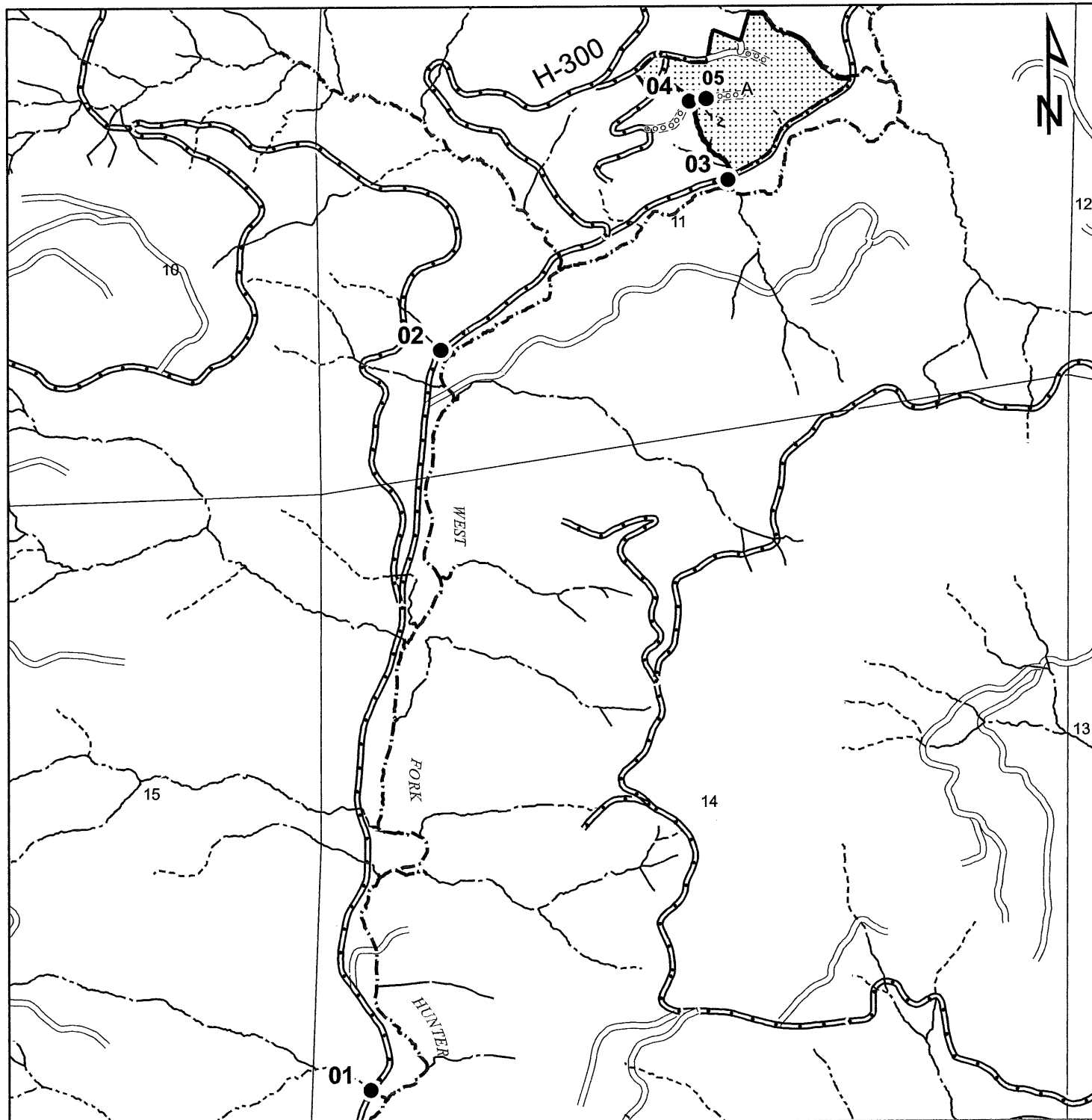
| | | | | | | | |
|---|-----------------|-----------|--|---------------------------------|--|-------------|----|
| GDRCo# | 562102 | | | GDRCo Name | CL North 1000 | | |
| State THP# | 1-21-00168-Hum | | | Calwater Watershed | Ah Pah Creek | 1105.110702 | |
| Road Point | 101 | | | Legal Description | 12.0N | 02.0E | 33 |
| Road Name | CL-1000 | | | Annual Plan Year | 2022 | | |
| Road Surface | Rock | | | Work Timing | Prior to the Winter Period (Oct.16), unless 'Unseasonably Dry Fall conditions' are in effect (Oct.16 - Nov.15) of the year of use. | | |
| UTM | N : 419678 | E:4582417 | | Wildlife Restrictions | NO | | |
| Work Type | THP | | | Road Use Restriction | Permanent | | |
| Hydrologic Planning Area | Coastal Klamath | | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | | 1600 Req? | NO | | |
| Fees Payed From Previous AWP | NO | | | | | | |
| CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure site. A Class II watercourse crossing that needs a hydrologic disconnect on the right approach. | | | | | | | |
| TREATMENT : Install a DRC at the flagged location to hydrologically disconnect the road from the adjacent watercourse. | | | | | | | |
| Excavated Volume | 0 | | | Erosion Potential | Medium | | |
| Delivery Volume | 0 | | | AHCP Priority | Medium | | |
| Disturbed Surface Area | 0 | | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

Date Print : 2/15/2022

| | | | | | | | |
|--|-----------------|-----------|--|---------------------------------|--|-------------|----|
| GDRCo# | 562102 | | | GDRCo Name | CL North 1000 | | |
| State THP# | 1-21-00168-Hum | | | Calwater Watershed | Ah Pah Creek | 1105.110702 | |
| Road Point | 102 | | | Legal Description | 12.0N | 02.0E | 32 |
| Road Name | CL-1040 | | | Annual Plan Year | 2022 | | |
| Road Surface | Rock | | | Work Timing | Prior to the Winter Period (Oct.16), unless 'Unseasonably Dry Fall conditions' are in effect (Oct.16 - Nov.15) of the year of use. | | |
| UTM | N : 419176 | E:4581087 | | Wildlife Restrictions | NO | | |
| Work Type | THP | | | Road Use Restriction | Permanent | | |
| Hydrologic Planning Area | Coastal Klamath | | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | | 1600 Req? | NO | | |
| Fees Payed From Previous AWP | NO | | | | | | |
| <p>CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure site. A Class III watercourse that is hydrologically disconnected from the ditch but is receiving surface flow from road prism.</p> | | | | | | | |
| <p>TREATMENT : On the left approach a rolling dip or other contouring feature should be installed near the DRC to direct water away from the watercourse. The right approach also needs multiple kick outs or other road surface drainage features from the DRC and beyond.</p> | | | | | | | |
| Excavated Volume | 0 | | | Erosion Potential | Medium | | |
| Delivery Volume | 0 | | | AHCP Priority | Low | | |
| Disturbed Surface Area | 0 | | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

Date Print : 2/15/2022

| | | | | | | |
|---|---------------------------|--|---------------------------------|---|-------------|----|
| GDRCo# | 562102 | | GDRCo Name | CL North 1000 | | |
| State THP# | 1-21-00168-Hum | | Calwater Watershed | Ah Pah Creek | 1105.110702 | |
| Road Point | 3 | | Legal Description | 12.0N | 02.0E | 28 |
| Road Name | CL-1070 | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 419715 E:4582967 | | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Coastal Klamath | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | NO | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This is an access issue and does not qualify as an Imminent Risk of Failure site. A Class III watercourse crossing that has been previously decommissioned. | | | | | | |
| TREATMENT : Install a permanent 42" CMP or install a temp pipe and pull prior to the winter period to FPR and GDRCo AHCP guidelines as described in Section II of this THP. | | | | | | |
| Excavated Volume | 0 | | Erosion Potential | Low | | |
| Delivery Volume | 0 | | AHCP Priority | Low | | |
| Disturbed Surface Area | 0 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |



GREEN DIAMOND
RESOURCE COMPANY

GDRCo # 71-2103 Hunter West THP
USGS Childs Hills, CA 1966
USGS Requa, CA 1966

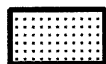
Roadwork Points Map 1 of 2
T15 N, R01 E, HBM | T14N, R01 E, HBM

Scale:
1:12,000

1 inch = 1,000 feet

● Roadwork Point

Plan Area



— GDRCo Ownership
— Harvest Unit Boundary

Roads

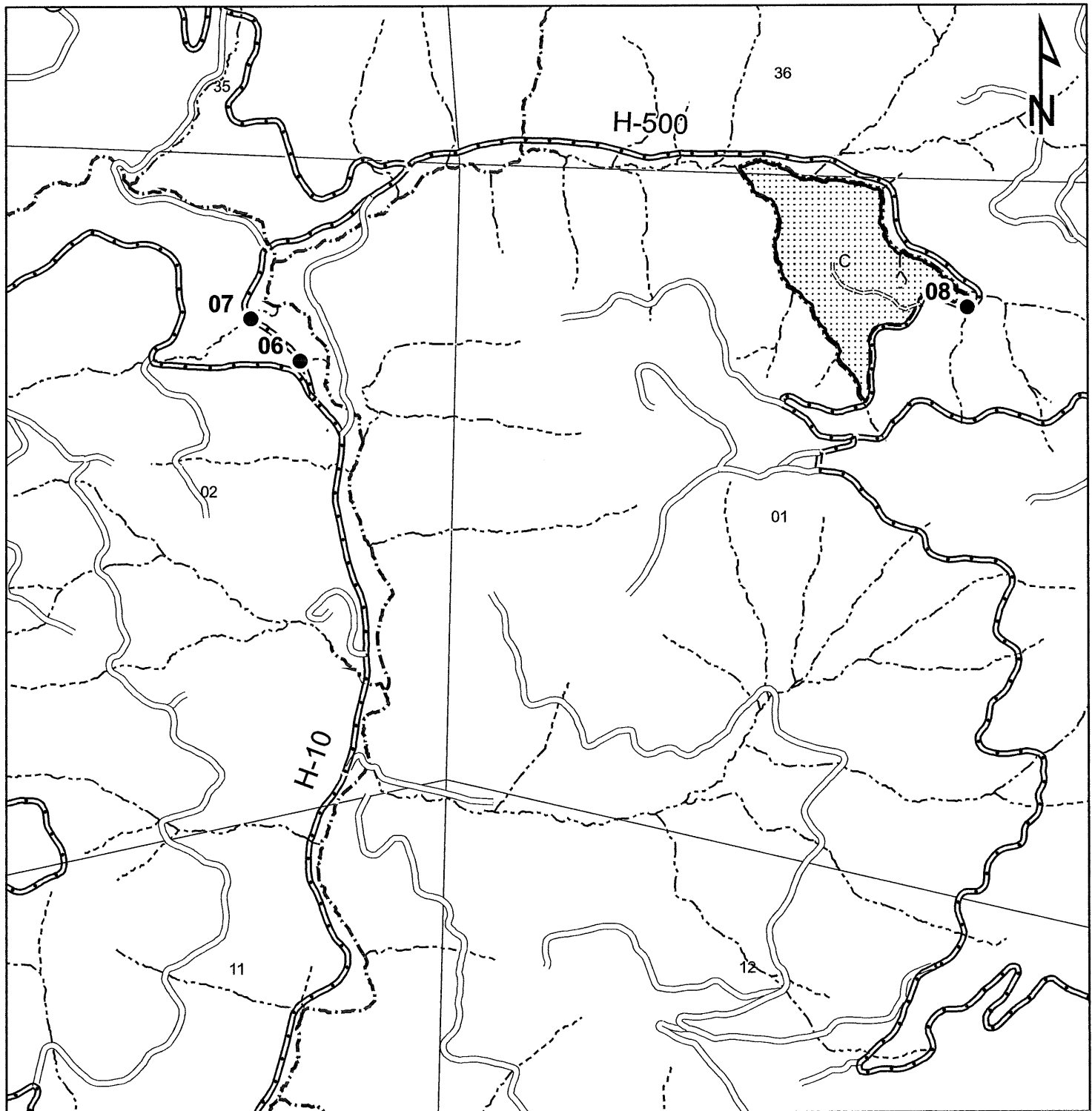
— Existing Permanent Road
— Existing Seasonal Road
— Proposed Seasonal Road
— Proposed Temporary Road
(To be abandoned)

Watercourse

— Class I
— Class II (II-1, II-2)
— Class III (IIIA, IIIB)

INTERNAL USE ONLY

A - 1411125
B - 1411132
C - 1410127



GREEN DIAMOND
RESOURCE COMPANY

GDRCo # 71-2103 Hunter West THP
USGS Childs Hills, CA 1966
USGS Requa, CA 1966

Roadwork Points Map 2 of 2

T15 N, R01 E, HBM | T14N, R01 E, HBM

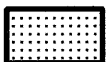
Scale:

1:12,000

1 inch = 1,000 feet

● Roadwork Point

Plan Area



— GDRCo Ownership
— Harvest Unit Boundary

Roads

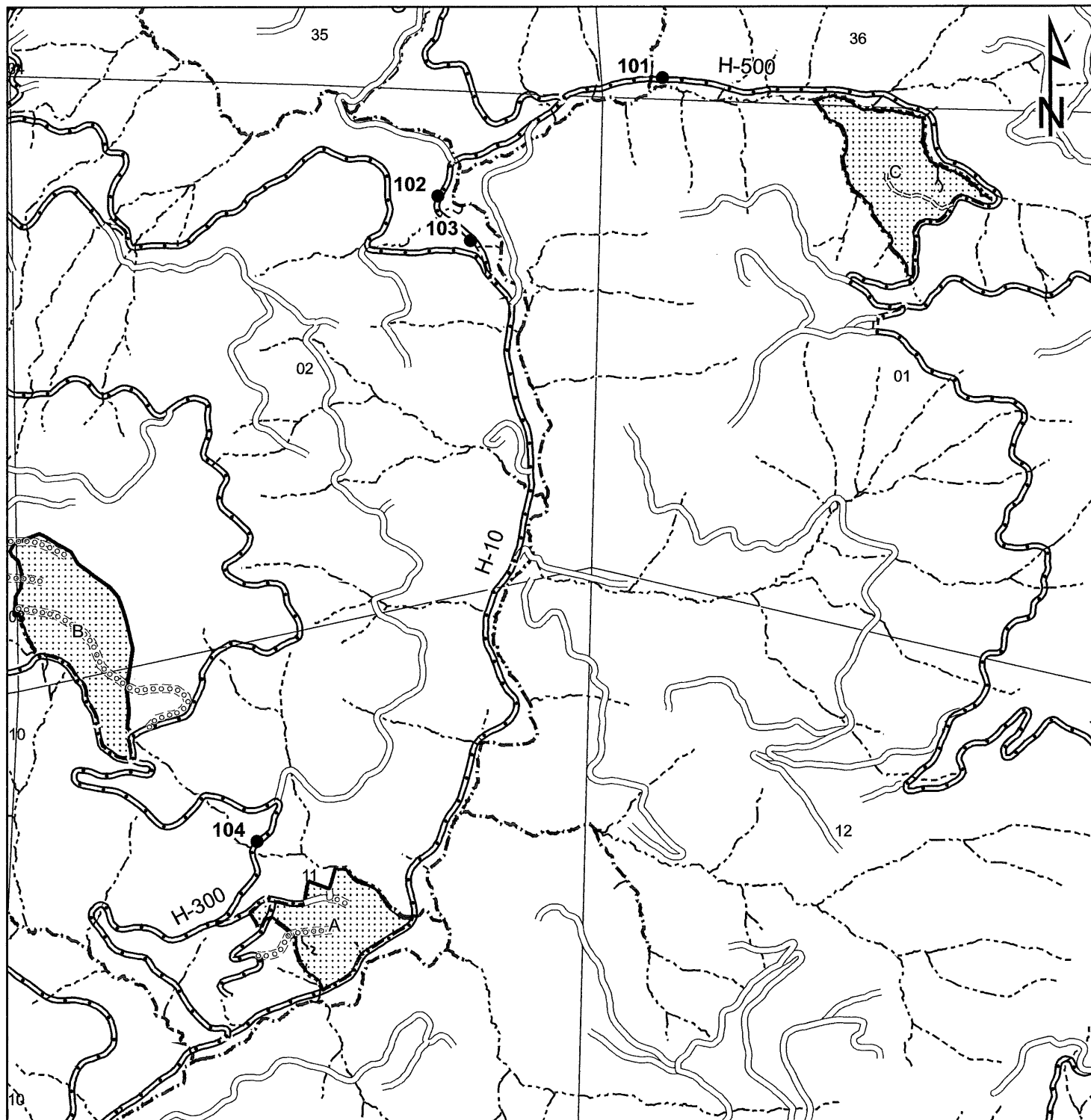
— Existing Permanent Road
— Existing Seasonal Road
— Proposed Seasonal Road
— Proposed Temporary Road
(To be abandoned)

Watercourse

— Class I
— Class II (II-1, II-2)
— Class III (IIIA, IIIB)

INTERNAL USE ONLY

A - 1411125
B - 1411132
C - 1410127



GREEN DIAMOND
RESOURCE COMPANY

GDRCo # 71-2103 Hunter West THP
USGS Childs Hills, CA 1966
USGS Requa, CA 1966

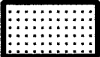


Watercourse Disconnect Map




T15 N, R01 E, HBM | T14N, R01 E, HBM




Scale:

1:15,840

1 inch = 1,320 feet

- Watercourse Disconnect Point
- Plan Area 
-  GDRCo Ownership
-  Harvest Unit Boundary

- Roads**
-  Public Road
-  Existing Permanent Road
-  Existing Seasonal Road
-  Proposed Seasonal
-  Proposed Temporary (To be abandoned)

- Watercourse**
-  Class I
-  Class II (II-1, II-2)
-  Class III (IIIA, IIIB)

INTERNAL USE ONLY

A - 1411125
B - 1411132
C - 1410127



TMIS - Culvert Report

| Siteld | THP# | RDpts# | Acres | Length (Miles) | lower Elevation | Upper Elevation | Altitude | TC | cfs | C.Diam (inches) | C.Diam,Int (inches) | Method |
|----------|--------|--------|-------|-------------------|--------------------|--------------------|----------|------|-------|--------------------|------------------------|----------|
| 35418 | 712103 | 02 | 13.4 | 0.21 | 188 | 717 | 476.1 | 2.3 | 15.76 | 30 | 26.14 | Rational |
| 22463 | 712103 | 03 | 16.15 | 0.3 | 193 | 741 | 493.2 | 3.42 | 18.99 | 30 | 28.57 | Rational |
| 10431151 | 712103 | 04 | 3.1 | 0.14 | 405 | 619 | 192.6 | 2.04 | 3.65 | 24 | 6.78 | Rational |
| 10431150 | 712103 | 05 | 6.9 | 0.19 | 410 | 758 | 313.2 | 2.4 | 8.11 | 24 | 15.1 | Rational |
| 22478 | 712103 | 06 | 4 | 0.24 | 323 | 793 | 423 | 2.8 | 4.7 | 24 | 8.75 | Rational |
| 22898 | 712103 | 07 | 44.19 | 0.59 | 328 | 1242 | 822.6 | 6.13 | 51.97 | 48 | 43.28 | Rational |

| | | | | | | |
|--|-----------------|-----------|---------------------------------|--|-------------|----|
| GDRCo# | 712103 | | GDRCo Name | Hunter West | | |
| State THP# | 1-21-00189-Del | | Calwater Watershed | Upper West Fork Hunter Creek | 1105.110802 | |
| Road Point | 02 | | Legal Description | 14.0N | 01.0E | 11 |
| Road Name | H-10 | | Annual Plan Year | 2022 | | |
| Road Surface | Rock | | Work Timing | Work will be completed prior to the first Winter Period pending THP approval. If the THP approval occurs on or after July 1 then work will be completed the following year prior to the Winter Period. | | |
| UTM | N : 413639 | E:4607282 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Permanent | | |
| Hydrologic Planning Area | Coastal Klamath | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class II watercourse with a 24" CMP that is seperated 6' in from inlet, resulting outboard fill erosion that threatens the running surface. | | | | | | |
| TREATMENT : Excavate between the flagged TOP and BOT removing sediment, debris and buried logs. Install a 30" CMP to FPR and GDRCo AHCP guidelines as described in Section II of this THP. | | | | | | |
| Excavated Volume | 217 | | Erosion Potential | High | | |
| Delivery Volume | 152 | | AHCP Priority | High | | |
| Disturbed Surface Area | 1304 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|--|-----------------|-----------|---------------------------------|--|-------------|----|
| GDRCo# | 712103 | | GDRCo Name | Hunter West | | |
| State THP# | 1-21-00189-Del | | Calwater Watershed | Upper West Fork Hunter Creek | 1105.110802 | |
| Road Point | 03 | | Legal Description | 14.0N | 01.0E | 11 |
| Road Name | H-10 | | Annual Plan Year | 2022 | | |
| Road Surface | Rock | | Work Timing | Work will be completed prior to the first Winter Period pending THP approval. If the THP approval occurs on or after July 1 then work will be completed the following year prior to the Winter Period. | | |
| UTM | N : 414245 | E:4607649 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Permanent | | |
| Hydrologic Planning Area | Coastal Klamath | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |
| <p>CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class II watercourse that lacks a drainage structure. The majority of flow goes subsurface at the TOP. Flow that reaches the inboard road edge is drained through a DRC on the right approach that is rusted through.</p> | | | | | | |
| <p>TREATMENT : Excavate between the flagged TOP and BOT removing sediment, debris, and buried logs. Install a 30" CMP to FPR and GDRCo AHCP guidelines as described in Section II of this THP. Remove the rusted through DRC on the right and replace with a new DRC.</p> | | | | | | |
| Excavated Volume | 215 | | Erosion Potential | High | | |
| Delivery Volume | 151 | | AHCP Priority | High | | |
| Disturbed Surface Area | 1294 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|---|-----------------|-----------|---------------------------------|---|-------------|----|
| GDRCo# | 712103 | | GDRCo Name | Hunter West | | |
| State THP# | 1-21-00189-Del | | Calwater Watershed | Upper West Fork Hunter Creek | 1105.110802 | |
| Road Point | 04 | | Legal Description | T11 | R | 11 |
| Road Name | Seasonal_A | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 414201 | E:4607820 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Coastal Klamath | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | NO | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This is a new road construction site and does not qualify as an Imminent Risk of Failure site. A proposed seasonal road to be constructed crosses a Class II watercourse. | | | | | | |
| TREATMENT : Install a temporary watercourse crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP and remove prior to the Winter Period of the year of use. Or install a permanent 24" CMP to FPR and GDRCo AHCP guidelines as described in Section II of this THP. | | | | | | |
| Excavated Volume | 0 | | Erosion Potential | Low | | |
| Delivery Volume | 0 | | AHCP Priority | NAP | | |
| Disturbed Surface Area | 0 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|---|-----------------|-----------|---------------------------------|---|-------------|----|
| GDRCo# | 712103 | | GDRCo Name | Hunter West | | |
| State THP# | 1-21-00189-Del | | Calwater Watershed | Upper West Fork Hunter Creek | 1105.110802 | |
| Road Point | 05 | | Legal Description | T11 | R | 11 |
| Road Name | Seasonal_A | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 414161 | E:4607810 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Coastal Klamath | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | NO | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This is a new road construction site and does not qualify as an Imminent Risk of Failure site. A proposed seasonal road to be constructed crosses a Class II watercourse. | | | | | | |
| TREATMENT : Install a temporary watercourse crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP and remove prior to the Winter Period of the year of use. Or install a permanent 24" CMP to FPR and GDRCo AHCP guidelines as described in Section II of this THP. | | | | | | |
| Excavated Volume | 0 | | Erosion Potential | Low | | |
| Delivery Volume | 0 | | AHCP Priority | NAP | | |
| Disturbed Surface Area | 0 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|--|-----------------|-----------|---------------------------------|--|-------------|---|
| GDRCo# | 712103 | | GDRCo Name | Hunter West | | |
| State THP# | 1-21-00189-Del | | Calwater Watershed | Upper West Fork Hunter Creek | 1105.110802 | |
| Road Point | 06 | | Legal Description | 14.0N | 01.0E | 2 |
| Road Name | H-10 | | Annual Plan Year | 2022 | | |
| Road Surface | Rock | | Work Timing | Work will be completed prior to the first Winter Period pending THP approval. If the THP approval occurs on or after July 1 then work will be completed the following year prior to the Winter Period. | | |
| UTM | N : 414688 | E:4609731 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Permanent | | |
| Hydrologic Planning Area | Coastal Klamath | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class II watercourse with a 24" CMP that is rusted through greater than 25% of the length. | | | | | | |
| TREATMENT : Excavate between the flagged TOP and BOT removing sediment, debris and buried logs. Install a 24" CMP to FPR and GDRCo AHCP guidelines as described in Section II of this THP. | | | | | | |
| Excavated Volume | 61 | | Erosion Potential | High | | |
| Delivery Volume | 42 | | AHCP Priority | High | | |
| Disturbed Surface Area | 367 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

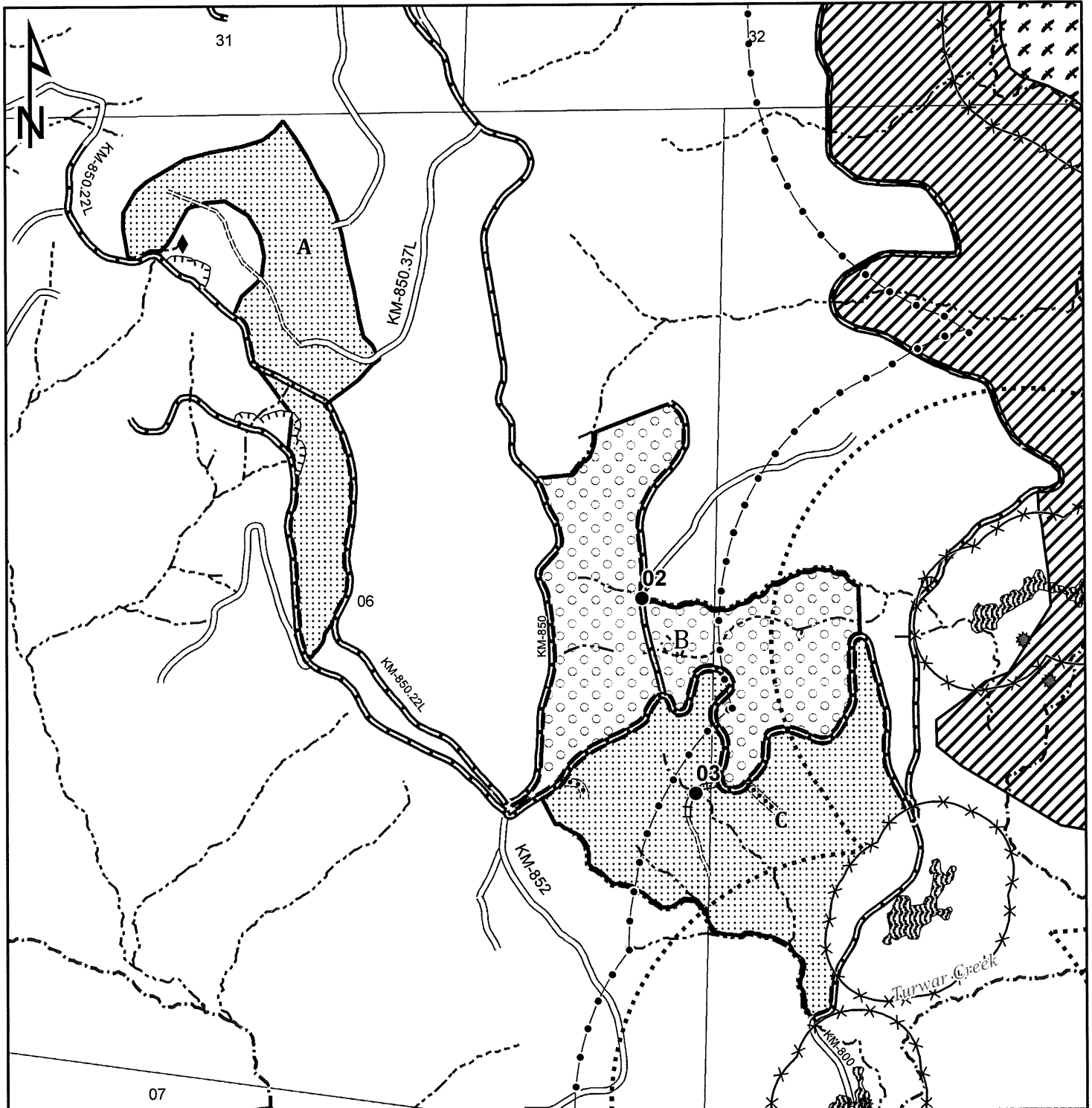
| | | | | | | |
|--|-----------------|-----------|---------------------------------|--|-------------|---|
| GDRCo# | 712103 | | GDRCo Name | Hunter West | | |
| State THP# | 1-21-00189-Del | | Calwater Watershed | Upper West Fork Hunter Creek | 1105.110802 | |
| Road Point | 07 | | Legal Description | 14.0N | 01.0E | 2 |
| Road Name | H-10 | | Annual Plan Year | 2022 | | |
| Road Surface | Rock | | Work Timing | Work will be completed prior to the first Winter Period pending THP approval. If the THP approval occurs on or after July 1 then work will be completed the following year prior to the Winter Period. | | |
| UTM | N : 414584 | E:4609821 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Permanent | | |
| Hydrologic Planning Area | Coastal Klamath | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class II watercourse crossing with a 36" CMP that is not set to grade and is rusted through greater than 25% of the length. | | | | | | |
| TREATMENT : Excavate between the flagged TOP and BOT removing sediment, debris, and buried logs. Install a 48" CMP to FPR and GDRCo AHCP guidelines as described in Section II of this THP. | | | | | | |
| Excavated Volume | 220 | | Erosion Potential | High | | |
| Delivery Volume | 154 | | AHCP Priority | High | | |
| Disturbed Surface Area | 1320 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|--|-----------------|-----------|---------------------------------|--|-------------|----|
| GDRCo# | 712103 | | GDRCo Name | Hunter West | | |
| State THP# | 1-21-00189-Del | | Calwater Watershed | Upper West Fork Hunter Creek | 1105.110802 | |
| Road Point | 101 | | Legal Description | 15.0N | 01.0E | 36 |
| Road Name | H-500 | | Annual Plan Year | 2022 | | |
| Road Surface | Rock | | Work Timing | Prior to log hauling in the Winter Period (October 15- May 1) | | |
| UTM | N : 415163 | E:4610200 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Permanent | | |
| Hydrologic Planning Area | Coastal Klamath | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | NO | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure. A Class I watercourse crossing with a bridge that needs a hydrologic disconnect on the left approach. | | | | | | |
| TREATMENT : Install a rolling dip or other drainage structure at the flagged location to hydrologically disconnect the road from the adjacent watercourse. | | | | | | |
| Excavated Volume | 0 | | Erosion Potential | Low | | |
| Delivery Volume | 0 | | AHCP Priority | Low | | |
| Disturbed Surface Area | 0 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|---|-----------------|-----------|---------------------------------|--|-------------|---|
| GDRCo# | 712103 | | GDRCo Name | Hunter West | | |
| State THP# | 1-21-00189-Del | | Calwater Watershed | Upper West Fork Hunter Creek | 1105.110802 | |
| Road Point | 102 | | Legal Description | 14.0N | 01.0E | 2 |
| Road Name | H-10 | | Annual Plan Year | 2022 | | |
| Road Surface | Rock | | Work Timing | Prior to log hauling in the Winter Period (October 15- May 1) | | |
| UTM | N : 414682 | E:4609740 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Permanent | | |
| Hydrologic Planning Area | Coastal Klamath | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | NO | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure. The watercourse at RP 07 needs a DRC disconnect on the left. | | | | | | |
| TREATMENT : Install DRC on left of RP 07. | | | | | | |
| Excavated Volume | 0 | | Erosion Potential | Low | | |
| Delivery Volume | 0 | | AHCP Priority | Low | | |
| Disturbed Surface Area | 0 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|---|-----------------|-----------|---------------------------------|--|-------------|---|
| GDRCo# | 712103 | | GDRCo Name | Hunter West | | |
| State THP# | 1-21-00189-Del | | Calwater Watershed | Upper West Fork Hunter Creek | 1105.110802 | |
| Road Point | 103 | | Legal Description | 14.0N | 01.0E | 2 |
| Road Name | H-10 | | Annual Plan Year | 2022 | | |
| Road Surface | Rock | | Work Timing | Prior to log hauling in the Winter Period (October 15- May 1) | | |
| UTM | N : 414573 | E:4609837 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Permanent | | |
| Hydrologic Planning Area | Coastal Klamath | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | NO | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure. The watercourse at RP 06 needs a DRC disconnect on the left. | | | | | | |
| TREATMENT : Install a DRC on the left of RP 06. | | | | | | |
| Excavated Volume | 0 | | Erosion Potential | Low | | |
| Delivery Volume | 0 | | AHCP Priority | Low | | |
| Disturbed Surface Area | 0 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|--|-----------------|------------|---------------------------------|--|-------------|----|
| GDRCo# | 712103 | | GDRCo Name | Hunter West | | |
| State THP# | 1-21-00189-Del | | Calwater Watershed | Upper West Fork Hunter Creek | 1105.110802 | |
| Road Point | 104 | | Legal Description | 14.0N | 01.0E | 11 |
| Road Name | H-300 | | Annual Plan Year | 2022 | | |
| Road Surface | Rock | | Work Timing | Prior to log hauling in the Winter Period (October 15- May 1) | | |
| UTM | N : 414072 | E: 4608044 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Permanent | | |
| Hydrologic Planning Area | Coastal Klamath | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | NO | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure. A Class II watercourse crossing with a 24" CMP is hydrologically connected to the running surface on the left approach. | | | | | | |
| TREATMENT : Improve the existing rolling dip on the left approach to hydrologically disconnect the running surface. | | | | | | |
| Excavated Volume | 0 | | Erosion Potential | Low | | |
| Delivery Volume | 0 | | AHCP Priority | Low | | |
| Disturbed Surface Area | 0 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |



GREEN DIAMOND
RESOURCE COMPANY

Dog Box / KM-850
GDRCo #73-2102
USGS Klamath Glen, CA 1982

Roadwork Points

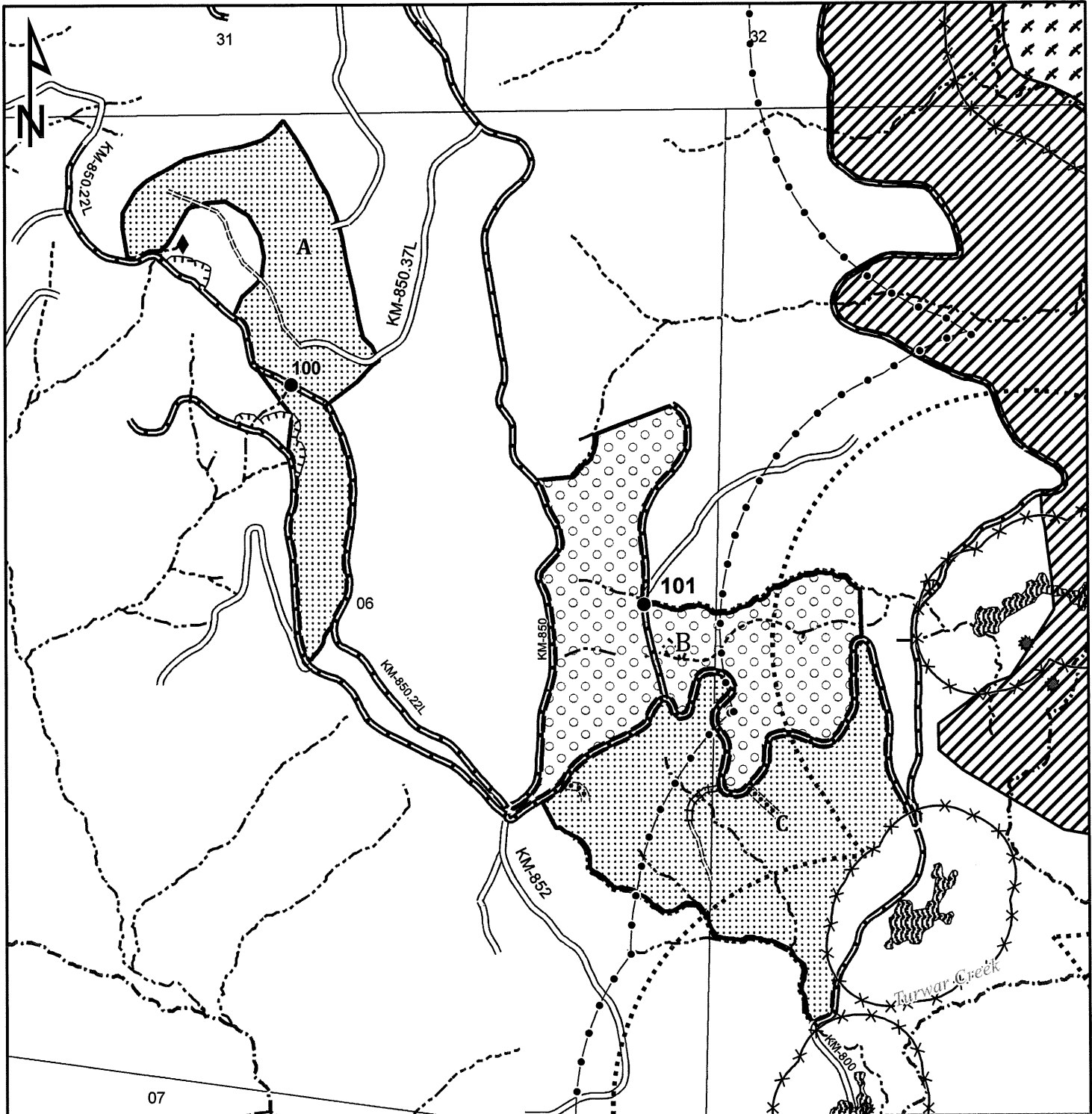
T 13N, R 02E, HBM
Sec.05 & 06

Scale: 1:9,000
1 inch = 750 feet

| Evenaged Harvest Unit | Wildlife | Roads | Watercourse |
|--|----------------------------|---|------------------------|
| Evenaged Harvest Unit | MAMU Habitat | Existing Permanent Road | Class I |
| Alternative Prescription Thinning Harvest Unit | Potential MAMU Habitat | Existing Seasonal Road | Class II (II-1, II-2) |
| | MAMU 300ft Buffer | Existing Seasonal (to be abandoned) | Class III (IIIA, IIIB) |
| | MAMU 0.25mi Buffer | Proposed Temporary Road (to be abandoned) | |
| Roadwork Point | MAMU Conservation Easement | | |
| GDRCo Ownership | Osprey Nest | Unstable Area (too small to map) | |
| Harvest Unit Boundary | Osprey 0.25mi Buffer | Unstable Area (GEO) | |

INTERNAL USE ONLY

A - 1320620
B - 1320519
C - 1320514



GREEN DIAMOND
RESOURCE COMPANY

Dog Box / KM-850
GDRCo #73-2102
USGS Klamath Glen, CA 1982

Roadwork Points

T 13N, R 02E, HBM
Sec.05 & 06

Scale: 1:9,000
1 inch = 750 feet

| | | | | | | | | | | |
|--|--|----------|------------------------|----------------------------|-------|---|-------------------------|-------------|------------------------|---------|
| Evenaged Harvest Unit | | Wildlife | | MAMU Habitat | Roads | | Existing Permanent Road | Watercourse | | Class I |
| Alternative Prescription Thinning Harvest Unit | | | Potential MAMU Habitat | MAMU 300ft Buffer | | Existing Seasonal Road | | | Class II (II-1, II-2) | |
| ● Roadwork Point | | | MAMU 0.25mi Buffer | MAMU Conservation Easement | | Existing Seasonal (to be abandoned) | | | Class III (IIIA, IIIB) | |
| — GDRCo Ownership | | | Osprey Nest | Osprey 0.25mi Buffer | | Proposed Temporary Road (to be abandoned) | | | | |
| — Harvest Unit Boundary | | | | | | | | | | |
| | | | | | | Unstable Area (too small to map) | | | | |
| | | | | | | Unstable Area (GEO) | | | | |

INTERNAL USE ONLY
A - 1320620
B - 1320519
C - 1320514

65



TMIS - Culvert Report

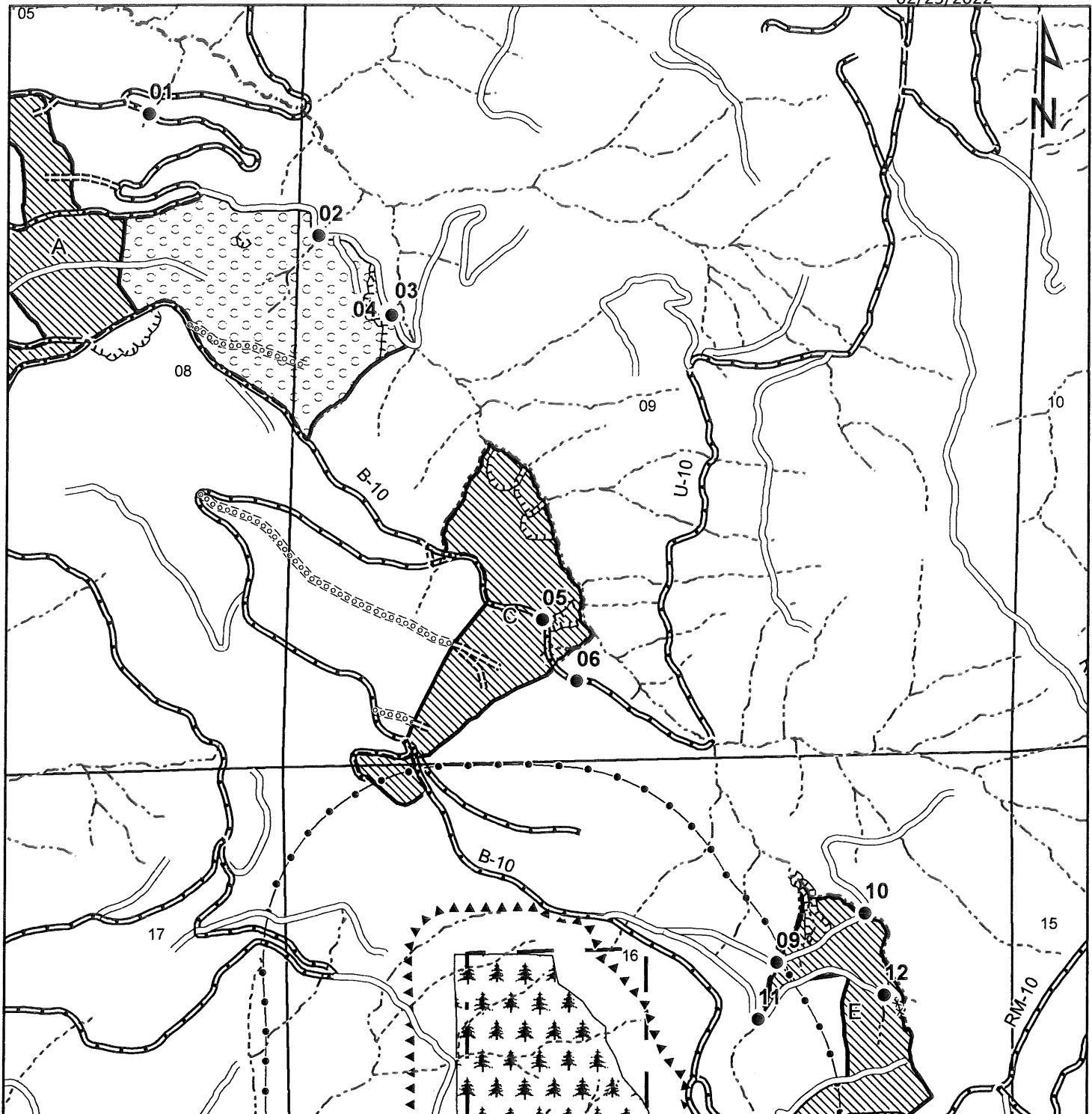
| Siteld | THP# | RDpts# | Acres | Length (Miles) | lower Elevation | Upper Elevation | Altitude | TC | cfs | C.Diam (inches) | C.Diam,Int (inches) | Method |
|--------|--------|--------|-------|-------------------|--------------------|--------------------|----------|------|------|--------------------|------------------------|----------|
| 21057 | 732102 | 02 | 6.5 | 0.24 | 774 | 1215 | 396.9 | 2.87 | 7.64 | 24 | 14.22 | Rational |

| | | | | | | |
|---|-----------------|-----------|---------------------------------|--|-------------|---|
| GDRCo# | 732102 | | GDRCo Name | Dog Box / KM-850 | | |
| State THP# | 1-21-00195-Del | | Calwater Watershed | Lower Turwar Creek | 1105.110801 | |
| Road Point | 02 | | Legal Description | 13.0N | 02.0E | 6 |
| Road Name | KM-850.15R | | Annual Plan Year | 2022 | | |
| Road Surface | Rock | | Work Timing | Prior to the Winter Period (Oct.16), unless 'Unseasonably Dry Fall conditions' are in effect (Oct.16 - Nov.15) of the year of use. | | |
| UTM | N : 418336 | E:4599786 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Permanent | | |
| Hydrologic Planning Area | Coastal Klamath | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure site. A Class II watercourse crossing with an 18" CMP. A diversion potential exists, but there is no evidence of past diversion or overtopping. | | | | | | |
| TREATMENT : Excavate between the flagged TOP and BOT removing sediment, debris and buried logs. Install a 24" CMP to FPR and GDRCo AHCP guidelines as described in Section II of this THP. | | | | | | |
| Excavated Volume | 45 | | Erosion Potential | Low | | |
| Delivery Volume | 40 | | AHCP Priority | Low | | |
| Disturbed Surface Area | 270 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|--|-----------------|-----------|---------------------------------|--|-------------|---|
| GDRCo# | 732102 | | GDRCo Name | Dog Box / KM-850 | | |
| State THP# | 1-21-00195-Del | | Calwater Watershed | Lower Turwar Creek | 1105.110801 | |
| Road Point | 03 | | Legal Description | T06 | R | 6 |
| Road Name | Seasonal_C | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | See comments in road work description. | | |
| UTM | N : 418419 | E:4599470 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Coastal Klamath | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |
| <p>CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class II watercourse with a 36" CMP that has an outlet blocked by debris from an uprooted tree. There are rust holes at inlet that do not extend to the interior of the pipe.</p> | | | | | | |
| <p>TREATMENT : This crossing is located within the 1/4 mile MAMU buffer. Work must be completed outside of the critical period (Mar. 24 - Sept. 15). Rock the road to a permanent standard prior to the winter period. Remove the crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP prior to the completion of operations.</p> | | | | | | |
| Excavated Volume | 269 | | Erosion Potential | High | | |
| Delivery Volume | 188 | | AHCP Priority | High | | |
| Disturbed Surface Area | 1611 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|---|-----------------|-----------|---------------------------------|---|-------------|---|
| GDRCo# | 732102 | | GDRCo Name | Dog Box / KM-850 | | |
| State THP# | 1-21-00195-Del | | Calwater Watershed | Lower Turwar Creek | 1105.110801 | |
| Road Point | 100 | | Legal Description | 13.0N | 02.0E | 6 |
| Road Name | KM-850.22L | | Annual Plan Year | 2022 | | |
| Road Surface | Rock | | Work Timing | Prior to log hauling in the Winter Period (October 15- May 1) | | |
| UTM | N : 417778 | E:4600132 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Permanent | | |
| Hydrologic Planning Area | Coastal Klamath | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | NO | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure site. A Class II watercourse crossing that is hydrologically connected on the right approach. | | | | | | |
| TREATMENT : Redefine the inboard ditch and install a drainage structure (DRC) at the flagged location to hydrologically disconnect the watercourse. Add a critical dip at Class II watercourse. | | | | | | |
| Excavated Volume | 0 | | Erosion Potential | Medium | | |
| Delivery Volume | 0 | | AHCP Priority | Medium | | |
| Disturbed Surface Area | 0 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|---|-----------------|-----------|---------------------------------|---|-------------|---|
| GDRCo# | 732102 | | GDRCo Name | Dog Box / KM-850 | | |
| State THP# | 1-21-00195-Del | | Calwater Watershed | Lower Turwar Creek | 1105.110801 | |
| Road Point | 101 | | Legal Description | 13.0N | 02.0E | 6 |
| Road Name | KM-850.15R | | Annual Plan Year | 2022 | | |
| Road Surface | Rock | | Work Timing | Prior to log hauling in the Winter Period (October 15- May 1) | | |
| UTM | N : 418336 | E:4599781 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Permanent | | |
| Hydrologic Planning Area | Coastal Klamath | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | NO | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure site. A Class III watercourse that is hydrologically connected to the ditchline on the left approach. | | | | | | |
| TREATMENT : Redefine the ditchline and install a DRC on the right approach to hydrologically disconnect the ditchline. | | | | | | |
| Excavated Volume | 0 | | Erosion Potential | Low | | |
| Delivery Volume | 0 | | AHCP Priority | Low | | |
| Disturbed Surface Area | 0 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |



GREEN DIAMOND
RESOURCE COMPANY

GDRCo #85-2002
Nasty Jack THP
Klamath Glen USGS, CA 1982

Roadwork Points Map 1 of 2

T13N, R02E, HBM

Scale:

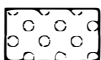
1:12,000

1 inch = 1,000 feet

Even aged Harvest Unit



Uneven aged Harvest Unit



— GDRCo Ownership
— Harvest Unit Boundary
— Unstable Area (SRL)

● Roadwork Point

Roads

— Public Road
— Existing Permanent Road
— Existing Seasonal Road
— Proposed Seasonal Road
— Existing Seasonal to be Reconstructed
— Proposed Temporary Road (to be abandoned)

Wildlife



Potential MAMU Habitat



MAMU 330ft Buffer



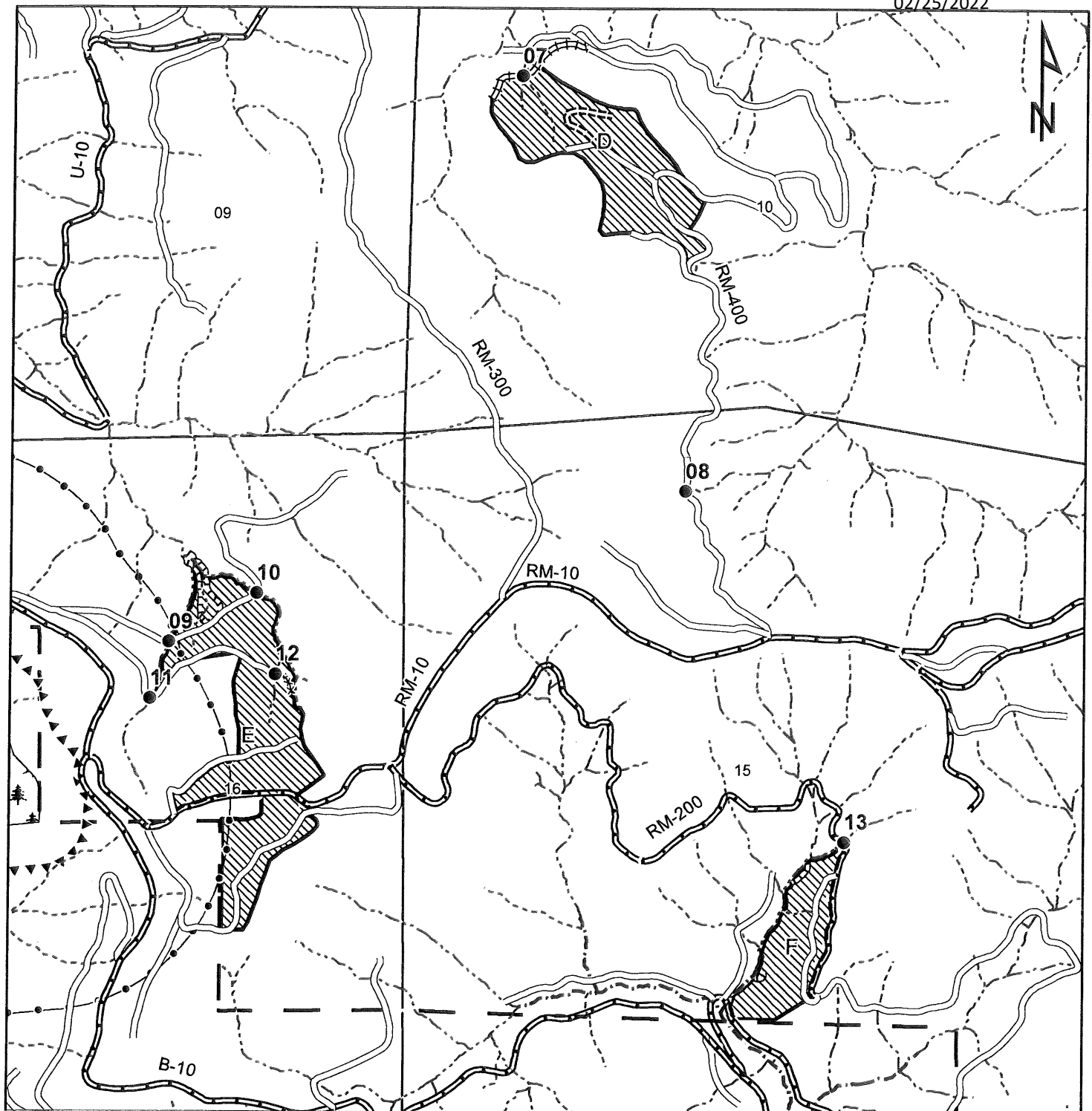
MAMU 0.25mi Buffer

Watercourse

— Class I
- - - Class II (II-1, II-2)
- - - Class III (IIIA)

INTERNAL USE ONLY

A - 1320818
B - 1320834
C - 1320924
D - 1321026
E - 1321633
F - 1321526



GREEN DIAMOND
RESOURCE COMPANY

GDRCo #85-2002
Nasty Jack THP
Klamath Glen USGS, CA 1982

Roadwork Points
Map 2 of 2
T13N, R02E, HBM

Scale:

1:12,000

1 inch = 1,000 feet

Even aged Harvest Unit



● Roadwork Point

Roads

- Public Road
- Existing Permanent Road
- Existing Seasonal Road
- Existing Seasonal to be Reconstructed
- Proposed Temporary Road (to be abandoned)
- Existing Seasonal to be Abandoned

Wildlife



Potential MAMU Habitat



MAMU 330ft Buffer

Watercourse

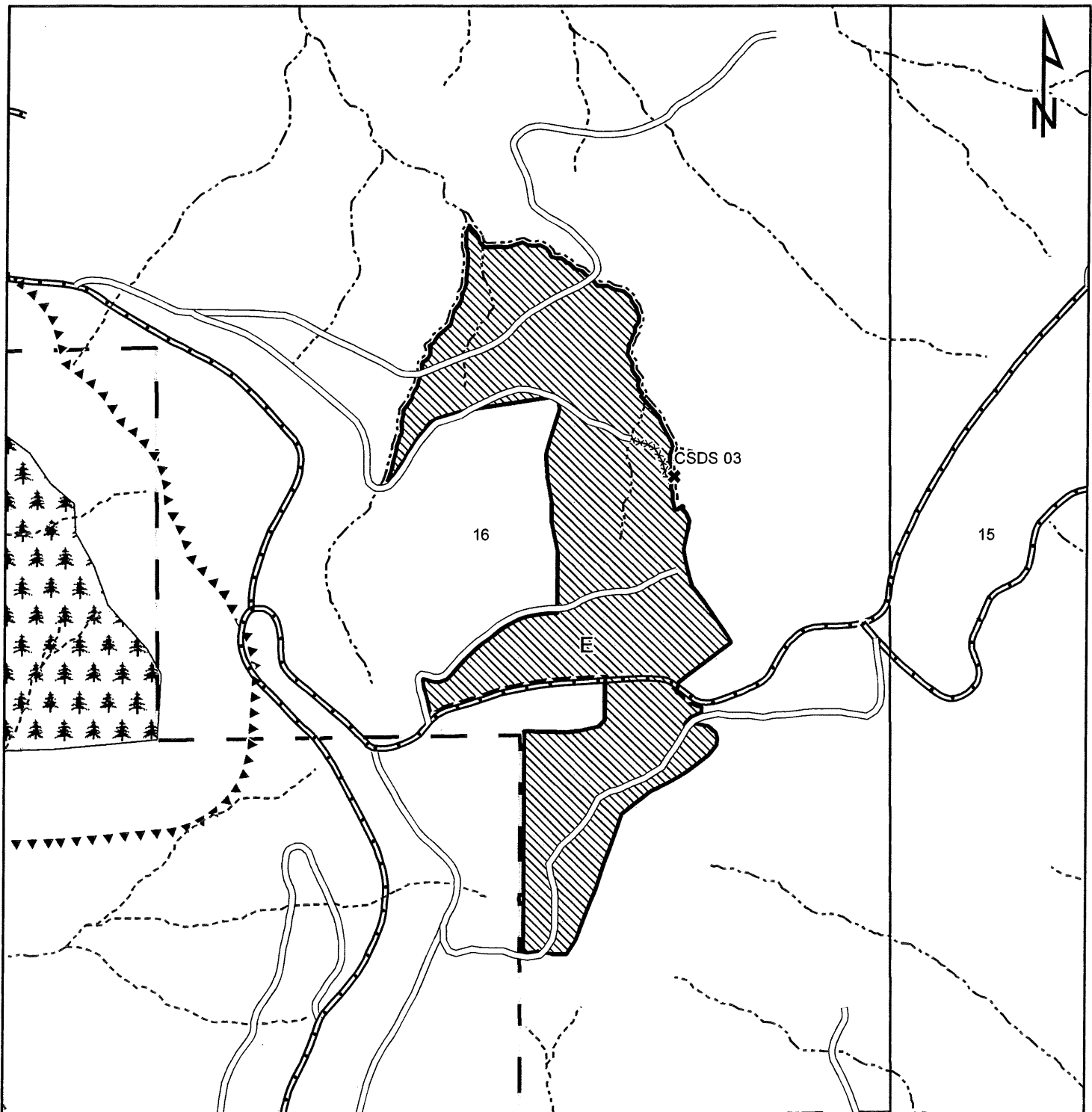
- Class I
- Class II (II-1, II-2)
- Class III (IIIA)

INTERNAL USE ONLY

- GDRCo Ownership
- Harvest Unit Boundary
- Unstable Area (SRL)

A - 1320818
B - 1320834
C - 1320924
D - 1321026
E - 1321633
F - 1321526

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GREEN DIAMOND
RESOURCE COMPANY

GDRCo #85-2002
Nasty Jack THP
Klamath Glen USGS, CA 1982

Treatable Sediment Discharge Sites

T13N, R02E, HBM

Scale:

1:6,000

1 inch = 500 feet

Even aged Harvest Unit



✕ CSDS Site

Roads

- Public Road
- Existing Permanent Road
- Existing Seasonal Road
- Existing Seasonal to be Reconstructed
- Proposed Temporary Road (to be abandoned)

GDRCo Ownership
 Harvest Unit Boundary

Wildlife



Potential MAMU Habitat

MAMU 330ft Buffer

Watercourse

- Class I
- Class II (II-1, II-2)
- Class III (IIIA)

INTERNAL USE ONLY

A - 1320818
B - 1320834
C - 1320924
D - 1321026
E - 1321633
F - 1321526



TMIS - Culvert Report

| SiteId | THP# | RDpts# | Acres | Length (Miles) | lower Elevation | Upper Elevation | Altitude | TC | cfs | C.Diam (inches) | C.Diam,Int (inches) | Method |
|----------|--------|--------|-------|-------------------|--------------------|--------------------|----------|------|-------|--------------------|------------------------|----------|
| 10317835 | 852002 | 01 | 17.7 | 0.41 | 510 | 1477 | 870.3 | 3.94 | 20.82 | 30 | 29.94 | Rational |
| 10425369 | 852002 | 06 | 5.7 | 0.14 | 1286 | 1640 | 318.6 | 1.68 | 6.7 | 24 | 12.47 | Rational |
| 20212 | 852002 | 09 | 20.2 | 0.35 | 2037 | 2617 | 522 | 4 | 23.76 | 36 | 31.43 | Rational |
| 20215 | 852002 | 10 | 37 | 0.5 | 1953 | 2652 | 629.1 | 5.62 | 43.51 | 42 | 40.24 | Rational |

| | | | | | | |
|--|-----------------|-----------|---------------------------------|--|-------------|---|
| GDRCo# | 852002 | | GDRCo Name | Nasty Jack | | |
| State THP# | 1-21-00146-Del | | Calwater Watershed | Lower Turwar Creek | 1105.110801 | |
| Road Point | 01 | | Legal Description | 13.0N | 02.0E | 8 |
| Road Name | B-10.13L | | Annual Plan Year | 2022 | | |
| Road Surface | Rock | | Work Timing | Prior to the Winter Period (Oct.16), unless 'Unseasonably Dry Fall conditions' are in effect (Oct.16 - Nov.15) of the year of use. | | |
| UTM | N : 419680 | E:4598747 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Permanent | | |
| Hydrologic Planning Area | Coastal Klamath | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure site. A Class III watercourse crossing with an 18" CMP that has a partially buried inlet that is also obstructed by vegetative growth. The crossing is hydrologically connected on the right approach. | | | | | | |
| TREATMENT : Excavate the inlet basin and remove vegetative growth, as necessary. Install a drainage structure on the right approach and install a critical dip on the left hinge line of the crossing. Or excavate between the flagged TOP and BOT removing sediment, debris and buried logs. Install a 30" CMP to GDRCo AHCP guidelines. | | | | | | |
| Excavated Volume | 156 | | Erosion Potential | Low | | |
| Delivery Volume | 109 | | AHCP Priority | Low | | |
| Disturbed Surface Area | 934 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|--|-----------------|-----------|---------------------------------|--|-------------|---|
| GDRCo# | 852002 | | GDRCo Name | Nasty Jack | | |
| State THP# | 1-21-00146-Del | | Calwater Watershed | Lower Turwar Creek | 1105.110801 | |
| Road Point | 02 | | Legal Description | 13.0N | 02.0E | 9 |
| Road Name | B-10.13L.38R | | Annual Plan Year | 2022 | | |
| Road Surface | Native Rock | | Work Timing | Work will be completed prior to the first Winter Period pending THP approval. If the THP approval occurs on or after July 1 then work will be completed the following year prior to the Winter Period. | | |
| UTM | N : 420039 | E:4598489 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Coastal Klamath | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |
| <p>CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class II watercourse crossing with a 36" CMP. The culvert is separated at the coupler near the outboard edge, but there is no flow under the pipe and no erosional void present. The watercourse is hydrologically connected on the left approach.</p> | | | | | | |
| <p>TREATMENT : Use this crossing as it is; then excavate between flagged TOP and BOT removing sediment debris and buried logs. Remove the crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP. Install a drainage structure on the left approach at the flagged location to hydrologically disconnect the watercourse.</p> | | | | | | |
| Excavated Volume | 363 | | Erosion Potential | Medium | | |
| Delivery Volume | 254 | | AHCP Priority | Low | | |
| Disturbed Surface Area | 2177 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|--|-----------------|-----------|---------------------------------|--|-------------|---|
| GDRCo# | 852002 | | GDRCo Name | Nasty Jack | | |
| State THP# | 1-21-00146-Del | | Calwater Watershed | Lower Turwar Creek | 1105.110801 | |
| Road Point | 03 | | Legal Description | 13.0N | 02.0E | 9 |
| Road Name | B-10.13L.38R | | Annual Plan Year | 2022 | | |
| Road Surface | Native Rock | | Work Timing | Prior to the completion of operations. | | |
| UTM | N : 420189 | E:4598327 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Coastal Klamath | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | NO | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This is an access issue and does not qualify as an Imminent Risk of Failure site. A Class II spring emerges from loose rock at the cutbank and travels 75' right, saturating the running surface and draining at the outboard fill in an established channel. | | | | | | |
| TREATMENT : A qualified biologist must conduct a site assessment prior to the start of operations, and communicate the results of the survey to the RPF or contract administrator. Install a temporary drainage structure. Waterbar and treat prior to October 15th. This is a Class II watercourse crossing. Allow for minimum width road. Endhaul material | | | | | | |
| Excavated Volume | 0 | | Erosion Potential | Low | | |
| Delivery Volume | 0 | | AHCP Priority | Low | | |
| Disturbed Surface Area | 0 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|-------------------------------------|-----------------|-----------|---------------------------------|---|-------------|---|
| GDRCo# | 852002 | | GDRCo Name | Nasty Jack | | |
| State THP# | 1-21-00146-Del | | Calwater Watershed | Lower Turwar Creek | 1105.110801 | |
| Road Point | 06 | | Legal Description | 13.0N | 02.0E | 9 |
| Road Name | U-10 | | Annual Plan Year | 2022 | | |
| Road Surface | Rock | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 420591 | E:4597545 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Permanent | | |
| Hydrologic Planning Area | Coastal Klamath | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure site. Prior to operations at this site a qualified biologist must conduct a site assessment prior to the start of operations and communicate the results of the survey to the RPF or contract administrator.

TREATMENT : At Road Point 6 on the Road Work Map an 18 inch CMP drains an inboard ditch and bank seep. From Road Point 6 to Road Point 6.1 (approximately 160 feet and the edge of the THP) there is a bank seep that is joined by a small Class II that flows into the inboard ditch. The upslope Class II is diverted into the inboard ditch and is disconnected below the road and does not have an established watercourse channel below Road Point 6.1. The RPF proposes to maintain the Class II diversion into the inboard ditch to Road Point 6.2. From Road Point 6.1 to 6.2 the inboard ditch conveys small seeps for approximately 100 feet, which is hydrologically connected. During use the inboard ditch will be maintained. At Road Point 6.2 the inboard ditch flows into an existing 18" CMP watercourse crossing.

The LTO will clean the inboard ditch from Road Point 6 to Road Point 6.2. The LTO will install 18" DRCs to hydrologically disconnect the inboard ditch. At Road Point 6.2 the LTO will remove the 18 inches CMP at Road Point 6.2 and replace it with a 24inches CMP, the culvert will be installed to AHCP and FPR standards. The LTO will construct a critical dip at Road Point 6.2. The LTO will rock armor the inlet and the outlet at Road Point 6. The LTO will rerock the road surface at the new culvert installations.

| | | | |
|-------------------------------|-----|----------------------------|---------------------------|
| Excavated Volume | 30 | Erosion Potential | Low |
| Delivery Volume | 21 | AHCP Priority | Low |
| Disturbed Surface Area | 180 | Excavated Materials | Soil,Gravel,Rock and Wood |

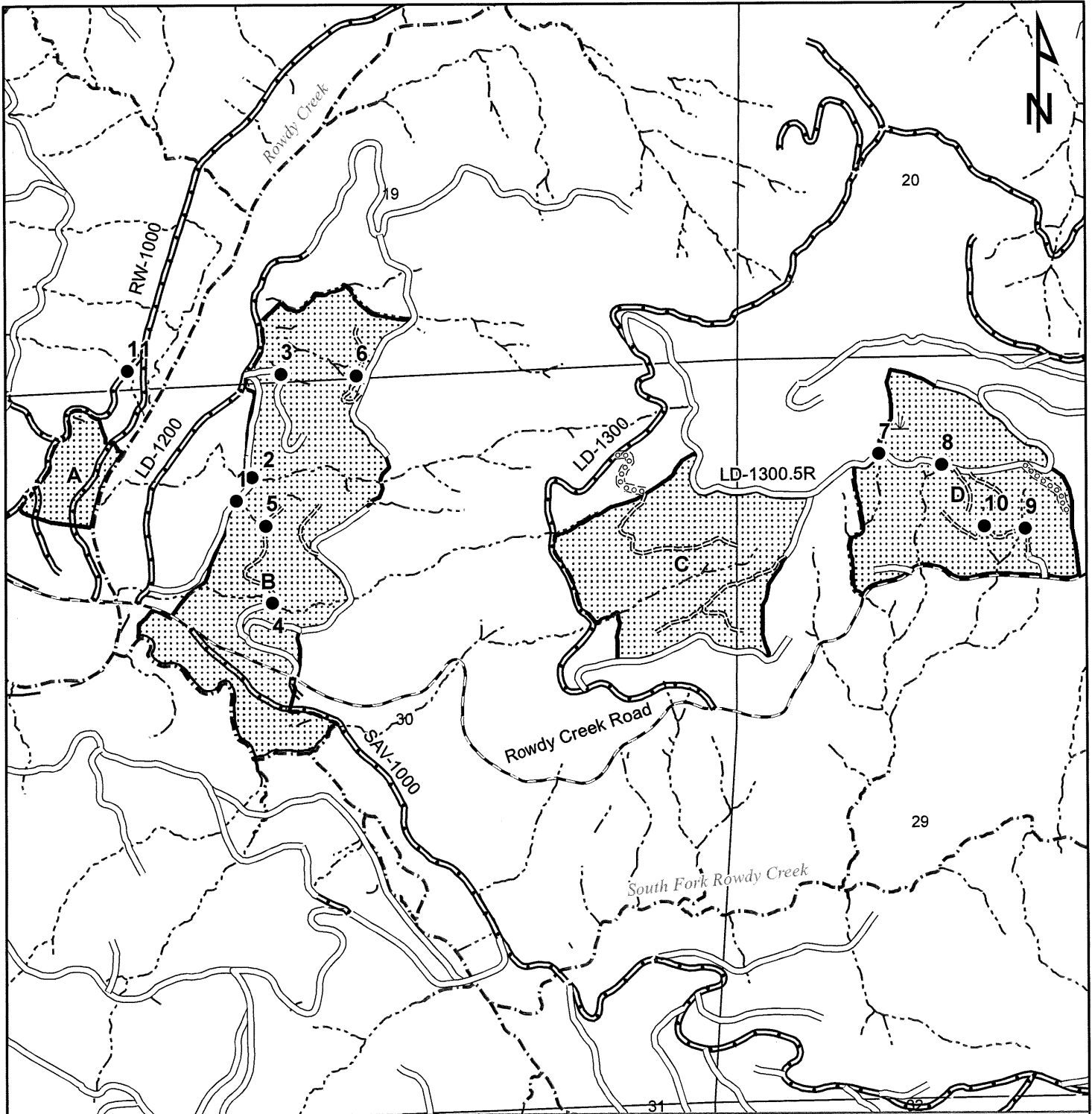
| | | | | | | |
|--|-----------------|-----------|---------------------------------|---|-------------|----|
| GDRCo# | 852002 | | GDRCo Name | Nasty Jack | | |
| State THP# | 1-21-00146-Del | | Calwater Watershed | Upper Turwar Creek | 1105.110808 | |
| Road Point | 07 | | Legal Description | 13.0N | 02.0E | 10 |
| Road Name | RM-400.52L.85L | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 421757 | E:4598160 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Coastal Klamath | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This is an access issue and does not qualify as an Imminent Risk of Failure site. A Class II watercourse crossing with a failed Humboldt crossing. The watercourse is nearly eroded to grade and perched sediment is present at both approaches. Just above the road, two watercourses converge at a skid trail. | | | | | | |
| TREATMENT : Excavate between the flagged TOP 1, TOP 2 and BOT removing sediment, debris and buried logs. Install a temporary watercourse crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP and remove prior to the Winter Period of the year of use. Armor the outboard streambank on the right. | | | | | | |
| Excavated Volume | 4 | | Erosion Potential | Low | | |
| Delivery Volume | 4 | | AHCP Priority | Medium | | |
| Disturbed Surface Area | 24 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|--|-----------------|-----------|---------------------------------|--|-------------|----|
| GDRCo# | 852002 | | GDRCo Name | Nasty Jack | | |
| State THP# | 1-21-00146-Del | | Calwater Watershed | Lower Turwar Creek | 1105.110801 | |
| Road Point | 09 | | Legal Description | 13.0N | 02.0E | 16 |
| Road Name | B-10.29L | | Annual Plan Year | 2022 | | |
| Road Surface | Native Rock | | Work Timing | Work will be completed prior to the first Winter Period pending THP approval. If the THP approval occurs on or after July 1 then work will be completed the following year prior to the Winter Period. | | |
| UTM | N : 421013 | E:4596948 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Coastal Klamath | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class II watercourse with a 24" CMP set over a Humboldt crossing. A length of culvert is separated at the coupler, but no flow is present under the pipe and a minor void exists. | | | | | | |
| TREATMENT : Excavate between the flagged TOP and BOT removing sediment, debris and buried logs. Install a 36" CMP to FPR and GDRCo AHCP guidelines as described in Section II of this THP. | | | | | | |
| Excavated Volume | 88 | | Erosion Potential | Low | | |
| Delivery Volume | 77 | | AHCP Priority | Low | | |
| Disturbed Surface Area | 525 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|--|-----------------|-----------|---------------------------------|--|-------------|----|
| GDRCo# | 852002 | | GDRCo Name | Nasty Jack | | |
| State THP# | 1-21-00146-Del | | Calwater Watershed | Lower Turwar Creek | 1105.110801 | |
| Road Point | 10 | | Legal Description | 13.0N | 02.0E | 16 |
| Road Name | B-10.29L | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Work will be completed prior to the first Winter Period pending THP approval. If the THP approval occurs on or after July 1 then work will be completed the following year prior to the Winter Period. | | |
| UTM | N : 421201 | E:4597052 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Coastal Klamath | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |
| <p>CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class II watercourse crossing with a 36" CMP set high in the fill, 3' to the right and 3' above a rusted through 36" CMP with a buried inlet. During storm events, flow scours the inboard fill face and pools to the left of the main culvert.</p> | | | | | | |
| <p>TREATMENT : Excavate between the flagged TOP and BOT removing sediment, debris and buried logs. Install a 42" CMP to FPR and GDRCo AHCP guidelines as described in Section II of this THP.</p> | | | | | | |
| Excavated Volume | 131 | | Erosion Potential | Low | | |
| Delivery Volume | 116 | | AHCP Priority | Medium | | |
| Disturbed Surface Area | 788 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|--|-----------------|-----------|---------------------------------|---|-------------|----|
| GDRCo# | 852002 | | GDRCo Name | Nasty Jack | | |
| State THP# | 1-21-00146-Del | | Calwater Watershed | Lower Turwar Creek | 1105.110801 | |
| Road Point | 11 | | Legal Description | 13.0N | 02.0E | 16 |
| Road Name | B-10.29L.15R | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 420973 | E:4596827 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Coastal Klamath | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This is an access issue and does not qualify as an Imminent Risk of Failure site. A Class II watercourse with a stable fill crossing. Flow is conveyed in a 3' x 2' channel through the fill crossing. | | | | | | |
| TREATMENT : Install a temporary watercourse crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP and remove prior to the Winter Period of the year of use. | | | | | | |
| Excavated Volume | 10 | | Erosion Potential | Low | | |
| Delivery Volume | 9 | | AHCP Priority | Low | | |
| Disturbed Surface Area | 60 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|--|-----------------|-----------|---------------------------------|---|-------------|----|
| GDRCo# | 852002 | | GDRCo Name | Nasty Jack | | |
| State THP# | 1-21-00146-Del | | Calwater Watershed | Lower Turwar Creek | 1105.110801 | |
| Road Point | 12 | | Legal Description | 13.0N | 02.0E | 16 |
| Road Name | B-10.29L.15R | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 421242 | E:4596879 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Coastal Klamath | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |
| <p>CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure site. A Class II watercourse crossing that is nearly eroded to grade with over-steepened sides. The watercourse is hydrologically connected to the right road approach. This is a skid trail or a road needed to access CSDS #3.</p> | | | | | | |
| <p>TREATMENT : Install a temporary watercourse crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP. Remove the crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP. Install a waterbar on the right road approach.</p> | | | | | | |
| Excavated Volume | 0 | | Erosion Potential | Low | | |
| Delivery Volume | 0 | | AHCP Priority | Medium | | |
| Disturbed Surface Area | 0 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |



GREEN DIAMOND
RESOURCE COMPANY

GDRCo 93-2101
Rod & Gun Club THP
USGS High Divide, CA 1966

Roadwork Points

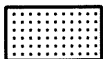
T 18N, R 01E, HBM

Scale:

1:12,000

1 inch = 1,000 feet

Plan Area



● Roadwork Point

Roads

Public Road

Existing Permanent Road

Existing Seasonal Road

Proposed Temporary Road (to be abandoned)

Proposed Seasonal Road

Watercourse

Class I

Class II (II-1, II-2)

Class III (IIIA, IIIB)

Unclassified Wet Area (25ft EEZ)

INTERNAL USE ONLY

— GDRCo Ownership
— Harvest Unit Boundary

A - 1811919
B - 1813027
C - 1813002
D - 1813028



TMIS - Culvert Report

| SiteId | THP# | RDpts# | Acres | Length (Miles) | lower Elevation | Upper Elevation | Altitude | TC | cfs | C.Diam (inches) | C.Diam,Int (inches) | Method |
|----------|--------|--------|-------|-------------------|--------------------|--------------------|----------|------|--------|--------------------|------------------------|----------|
| 10430051 | 932102 | 08 | 11.5 | 0.25 | 606 | 1180 | 516.6 | 2.72 | 15.7 | 30 | 26.1 | Rational |
| 10119408 | 932102 | 09 | 7.2 | 0.19 | 784 | 1111 | 294.3 | 2.46 | 9.83 | 24 | 18.28 | Rational |
| 23063 | 932102 | 10 | 8.5 | 0.28 | 988 | 1620 | 568.8 | 2.99 | 11.6 | 24 | 21.59 | Rational |
| 10430055 | 932102 | 11 | 2.5 | 0.14 | 950 | 1295 | 310.5 | 1.69 | 3.41 | 24 | 6.35 | Rational |
| 9257 | 932102 | 12 | 13.9 | 0.36 | 844 | 1351 | 456.3 | 4.35 | 18.97 | 30 | 28.56 | Rational |
| 9258 | 932102 | 13 | 137 | 0 | 0 | 0 | 0 | 0 | 191.89 | 84 | 73.55 | WC |
| 9263 | 932102 | 14 | 18.4 | 0.3 | 615 | 1058 | 398.7 | 3.71 | 25.12 | 36 | 32.11 | Rational |
| 9209 | 932102 | 15 | 4.3 | 0.17 | 1090 | 1260 | 153 | 2.78 | 5.87 | 24 | 10.92 | Rational |
| 10430160 | 932102 | 16 | 3.28 | 0.17 | 1505 | 1757 | 226.8 | 2.39 | 4.48 | 24 | 8.33 | Rational |
| 9284 | 932102 | 17 | 13.22 | 0.3 | 835 | 1162 | 294.3 | 4.17 | 18.05 | 30 | 27.86 | Rational |
| 9285 | 932102 | 18 | 6 | 0.17 | 849 | 1108 | 233.1 | 2.37 | 8.19 | 24 | 15.24 | Rational |
| 9170 | 932102 | 19 | 36.1 | 0.44 | 508 | 1259 | 675.9 | 4.71 | 49.28 | 48 | 42.43 | Rational |
| 10431988 | 932102 | 21 | 93 | 0 | 0 | 0 | 0 | 0 | 136.99 | 72 | 63.89 | WC |

| | | | | | | |
|---|----------------|-----------|---------------------------------|---|-------------|----|
| GDRCo# | 932101 | | GDRCo Name | Rod and Gun Club | | |
| State THP# | 1-21-00141-Del | | Calwater Watershed | Lower Rowdy Creek | 1103.120001 | |
| Road Point | 01 | | Legal Description | T30 | R | 30 |
| Road Name | Seasonal_B | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 408053 | E:4642390 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Smith River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |
| <p>CURRENT CONDITION : This is an access issue and does not qualify as an Imminent Risk of Failure site. A Class II watercourse that is lacking a drainage structure. Water flows across the heavily vegetated historic road grade saturating the running surface.</p> | | | | | | |
| <p>TREATMENT : Install a temporary watercourse crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP and remove prior to the Winter Period of the year of use. If a temporary crossing is not installed, prior completion of operations remove the crossing to FPR and GDRCo AHCP guidelines as described Section II of this THP.</p> | | | | | | |
| Excavated Volume | 37 | | Erosion Potential | Low | | |
| Delivery Volume | 33 | | AHCP Priority | Low | | |
| Disturbed Surface Area | 225 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|-------------------------------------|----------------|-----------|---------------------------------|---|-------------|----|
| GDRCo# | 932101 | | GDRCo Name | Rod and Gun Club | | |
| State THP# | 1-21-00141-Del | | Calwater Watershed | Lower Rowdy Creek | 1103.120001 | |
| Road Point | 02 | | Legal Description | T30 | R | 30 |
| Road Name | Seasonal_B | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 408086 | E:4642440 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Smith River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : This is an access issue and does not qualify as an Imminent Risk of Failure site. A Class II watercourse with a failing fill crossing. A domestic water intake line runs along the Class II watercourse.

TREATMENT : Install a temporary watercourse crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP and remove as described below, prior to the Winter Period of the year of use.
 If a temporary is not installed, prior to completion of operations, remove the crossing as described below while following FPR and GDRCo AHCP guidelines as described in Section II of this THP.
 To remove the crossing excavate from TOP to BOT to achieve a stable gradient. Pull back fill associated with the road to the extent feasible and rock the channel from TOP to BOT to prevent future head cutting. Retain the redwood clump at the TOP. TOP may extend further if necessary to achieve stable gradient.
 Reinstall the domestic water intake line.

| | | | |
|-------------------------------|-----|----------------------------|---------------------------|
| Excavated Volume | 112 | Erosion Potential | High |
| Delivery Volume | 150 | AHCP Priority | High |
| Disturbed Surface Area | 675 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | |
|---|----------------|-----------|---------------------------------|---|-------------|----|
| GDRCo# | 932101 | | GDRCo Name | Rod and Gun Club | | |
| State THP# | 1-21-00141-Del | | Calwater Watershed | Lower Rowdy Creek | 1103.120001 | |
| Road Point | 03 | | Legal Description | T19 | R | 19 |
| Road Name | Seasonal_B.2 | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 408146 | E:4642660 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Smith River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | NO | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure site. A Class II spring that is lacking a drainage structure. The Class II spring saturates the running surface for 50' on the right approach. | | | | | | |
| TREATMENT : Install a temporary pipe to FPR and GDRCo AHCP guidelines as described in Section II of this THP and remove prior to the Winter Period of the year of use. If a temporary pipe is not installed, prior completion of operations install a dip or cross drain to drain the Class II spring across the road. | | | | | | |
| Excavated Volume | 12 | | Erosion Potential | Low | | |
| Delivery Volume | 11 | | AHCP Priority | Low | | |
| Disturbed Surface Area | 75 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|--|----------------|-----------|---------------------------------|---|-------------|----|
| GDRCo# | 932101 | | GDRCo Name | Rod and Gun Club | | |
| State THP# | 1-21-00141-Del | | Calwater Watershed | Lower Rowdy Creek | 1103.120001 | |
| Road Point | 04 | | Legal Description | T30 | R | 30 |
| Road Name | Temporary_B | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 408129 | E:4642170 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Temporary | | |
| Hydrologic Planning Area | Smith River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | NO | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure site. A temporary road to be constructed crosses a Class II watercourse. | | | | | | |
| TREATMENT : Install a temporary watercourse crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP and remove prior to the Winter Period of the year of use. | | | | | | |
| Excavated Volume | 0 | | Erosion Potential | Low | | |
| Delivery Volume | 0 | | AHCP Priority | NAP | | |
| Disturbed Surface Area | 0 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|-------------------------------------|----------------|-----------|---------------------------------|---|-------------|----|
| GDRCo# | 932101 | | GDRCo Name | Rod and Gun Club | | |
| State THP# | 1-21-00141-Del | | Calwater Watershed | Savoy Creek | 1103.120002 | |
| Road Point | 07 | | Legal Description | T18N | R01E | 29 |
| Road Name | LD-1300.5R | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 409550 | E:4642470 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Smith River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | NO | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure site. A Class II watercourse crossing that was removed to FPR and GDRCo AHCP standards.

TREATMENT : Install a 24" CMP to FPR and GDRCo AHCP guidelines as described in section II of this THP, or install a temporary watercourse crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP and remove prior to the Winter Period of the year of use

| | | | |
|-------------------------------|---|----------------------------|---------------------------|
| Excavated Volume | 0 | Erosion Potential | Low |
| Delivery Volume | 0 | AHCP Priority | NAP |
| Disturbed Surface Area | 0 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | |
|-------------------------------------|----------------|-----------|---------------------------------|--|-------------|----|
| GDRCo# | 932101 | | GDRCo Name | Rod and Gun Club | | |
| State THP# | 1-21-00141-Del | | Calwater Watershed | Savoy Creek | 1103.120002 | |
| Road Point | 08 | | Legal Description | T18N | R01E | 29 |
| Road Name | LD-1300.5R | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16), unless 'Unseasonably Dry Fall conditions' are in effect (Oct.16 - Nov.15) of the year of use. | | |
| UTM | N : 409413 | E:4642490 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Smith River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | NO | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure site. A Class II watercourse crossing that was removed to FPR and GDRCo AHCP standards.

TREATMENT : Install a 24" CMP to FPR and GDRCo AHCP guidelines as described in section II of this THP, or install a temporary watercourse crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP and remove prior to the Winter Period of the year of use.

| | | | |
|-------------------------------|---|----------------------------|---------------------------|
| Excavated Volume | 0 | Erosion Potential | Low |
| Delivery Volume | 0 | AHCP Priority | NAP |
| Disturbed Surface Area | 0 | Excavated Materials | Soil,Gravel,Rock and Wood |

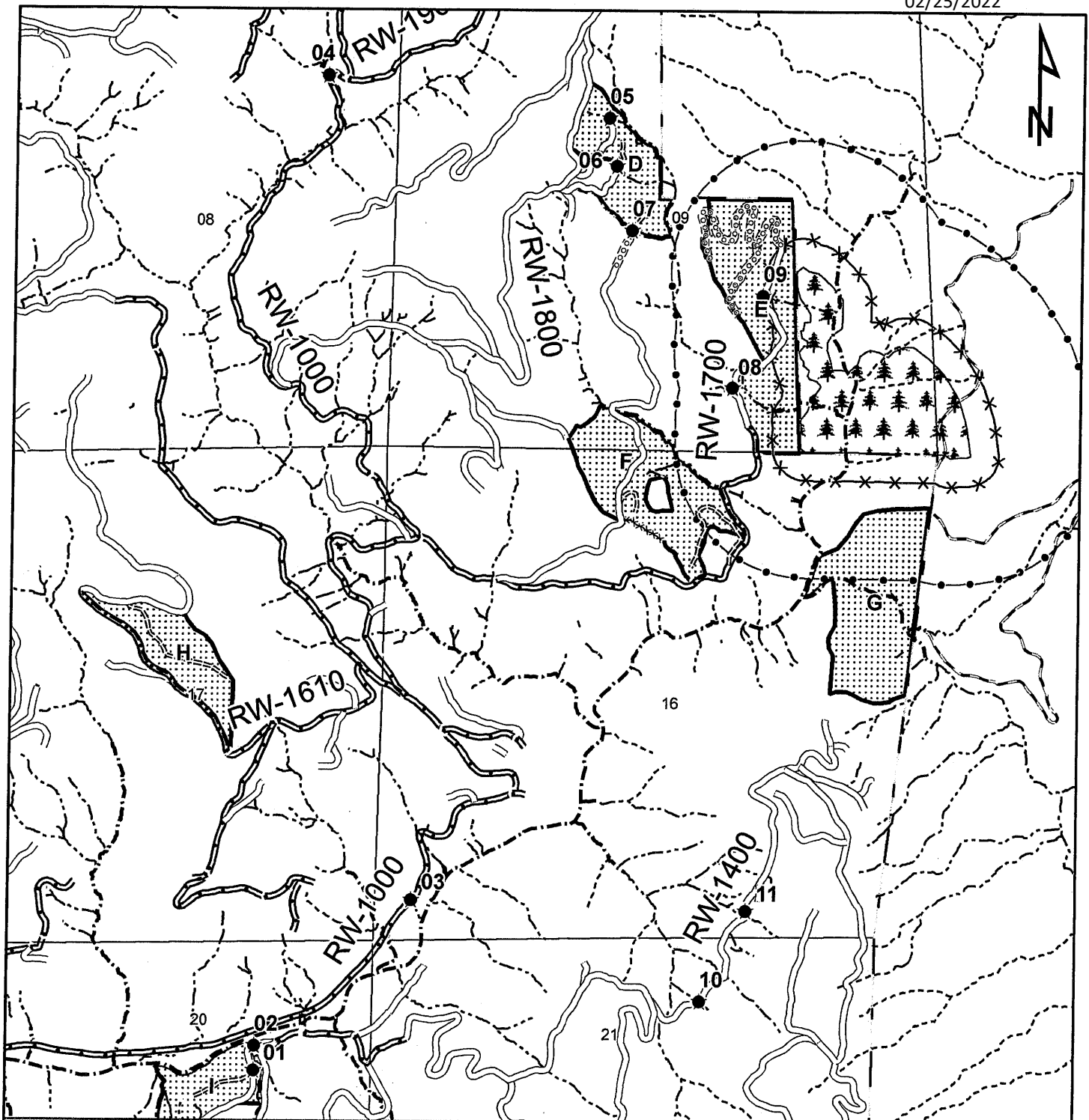
| | | | | | | |
|-------------------------------------|----------------|-----------|---------------------------------|---|-------------|----|
| GDRCo# | 932101 | | GDRCo Name | Rod and Gun Club | | |
| State THP# | 1-21-00141-Del | | Calwater Watershed | Savoy Creek | 1103.120002 | |
| Road Point | 09 | | Legal Description | T29 | R | 29 |
| Road Name | Temporary_D | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 409721 | E:4642330 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Temporary | | |
| Hydrologic Planning Area | Smith River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | NO | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure site. A temporary road to be constructed crosses the confluence of two Class II watercourses.

TREATMENT : Install a temporary watercourse crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP and remove prior to the Winter Period of the year of use.

| | | | |
|-------------------------------|---|----------------------------|---------------------------|
| Excavated Volume | 0 | Erosion Potential | Low |
| Delivery Volume | 0 | AHCP Priority | NAP |
| Disturbed Surface Area | 0 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | | |
|--|----------------|-----------|--|---------------------------------|---|-------------|----|
| GDRCo# | 932101 | | | GDRCo Name | Rod and Gun Club | | |
| State THP# | 1-21-00141-Del | | | Calwater Watershed | Savoy Creek | 1103.120002 | |
| Road Point | 10 | | | Legal Description | T29 | R | 29 |
| Road Name | Temporary_D | | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 409637 | E:4642330 | | Wildlife Restrictions | NO | | |
| Work Type | THP | | | Road Use Restriction | Temporary | | |
| Hydrologic Planning Area | Smith River | | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | | ECP Req? | NO | | |
| PreConsultation Completed? | NO | | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | | |
| CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure site. A temporary road to be constructed crosses a Class II watercourse. | | | | | | | |
| TREATMENT : Install a temporary watercourse crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP and remove prior to the Winter Period of the year of use. | | | | | | | |
| Excavated Volume | 0 | | | Erosion Potential | Low | | |
| Delivery Volume | 0 | | | AHCP Priority | NAP | | |
| Disturbed Surface Area | 0 | | | Excavated Materials | Soil,Gravel,Rock and Wood | | |



GREEN DIAMOND
RESOURCE COMPANY

GDRCo # 93-2102
The Jim Adams
USGS High Divide, CA 1966

Roadwork Points
Map 1 of 3

T18 N, R01 E, HBM | T19 N, R01 E, HBM

Scale:

1:18,000

1 inch = 1,500 feet

Plan Area



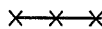
Roadwork Point

— GDRCo Ownership
— Harvest Unit Boundary

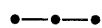
Wildlife



Potential MAMU Habitat



300ft MAMU Buffer

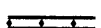


0.25mi MAMU Buffer

Roads



Public Road



Existing Permanent Road



Existing Seasonal Road

Watercourse

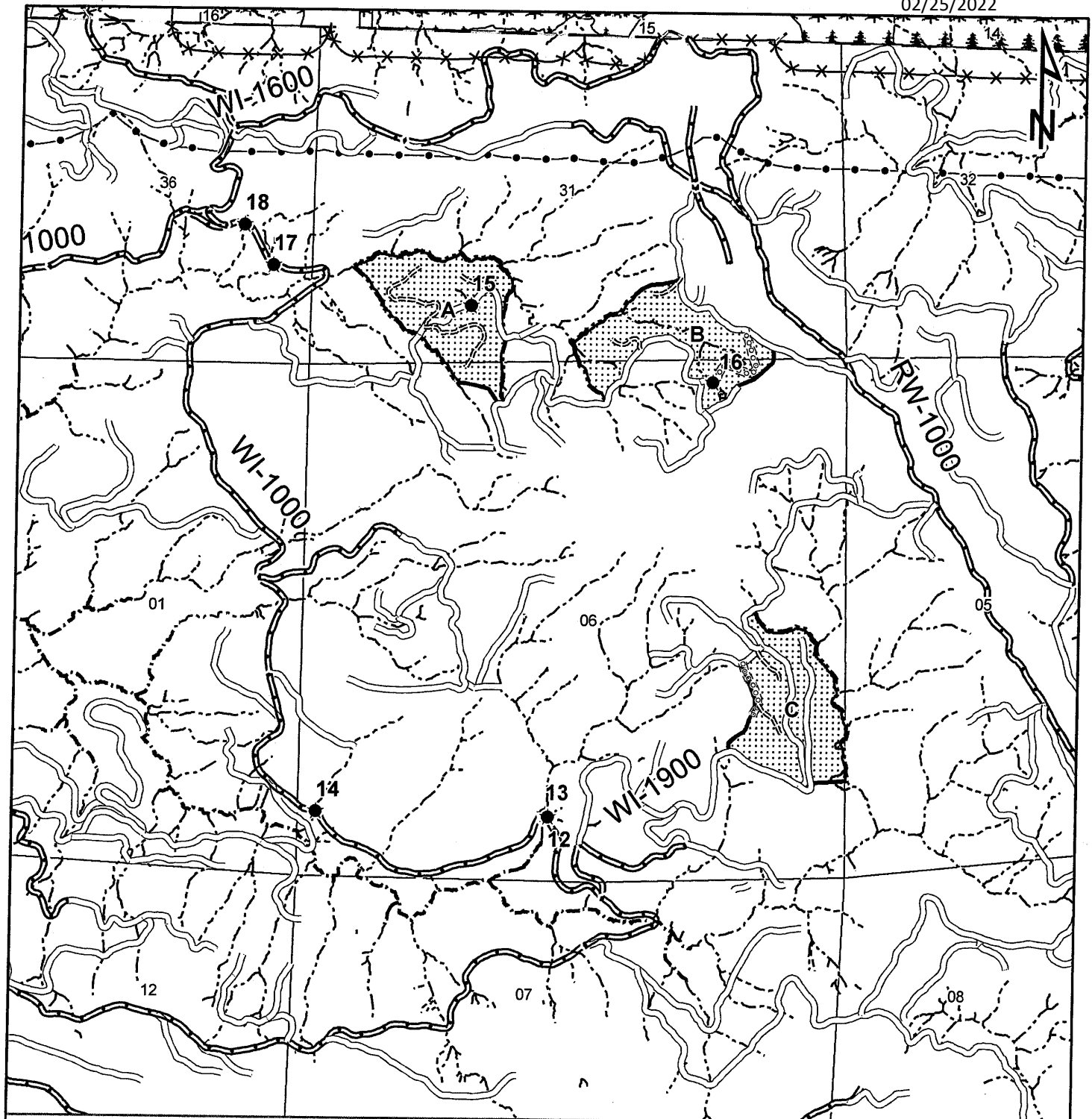
— Class I

--- Class II (II-1, II-2)

--- Class III (IIIA, IIIB)

INTERNAL USE ONLY

A - 19131101
B - 1913121
C - 1810620
D - 1810919
E - 1810920
F - 1811618
G - 1811633
H - 1811705
I - 1812039



GREEN DIAMOND
RESOURCE COMPANY
GDRCo # 93-2102
The Jim Adams
USGS High Divide, CA 1966

Roadwork Points Map 2 of 3

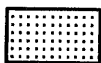
T18 N, R01 E, HBM | T19 N, R01 E, HBM

Scale:

1:18,000

1 inch = 1,500 feet

Plan Area



● Roadwork Point

— GDRCo Ownership
— Harvest Unit Boundary

Wildlife



Potential MAMU Habitat



300ft MAMU Buffer



0.25mi MAMU Buffer

Roads



Public Road



Existing Permanent Road



Existing Seasonal Road

Watercourse

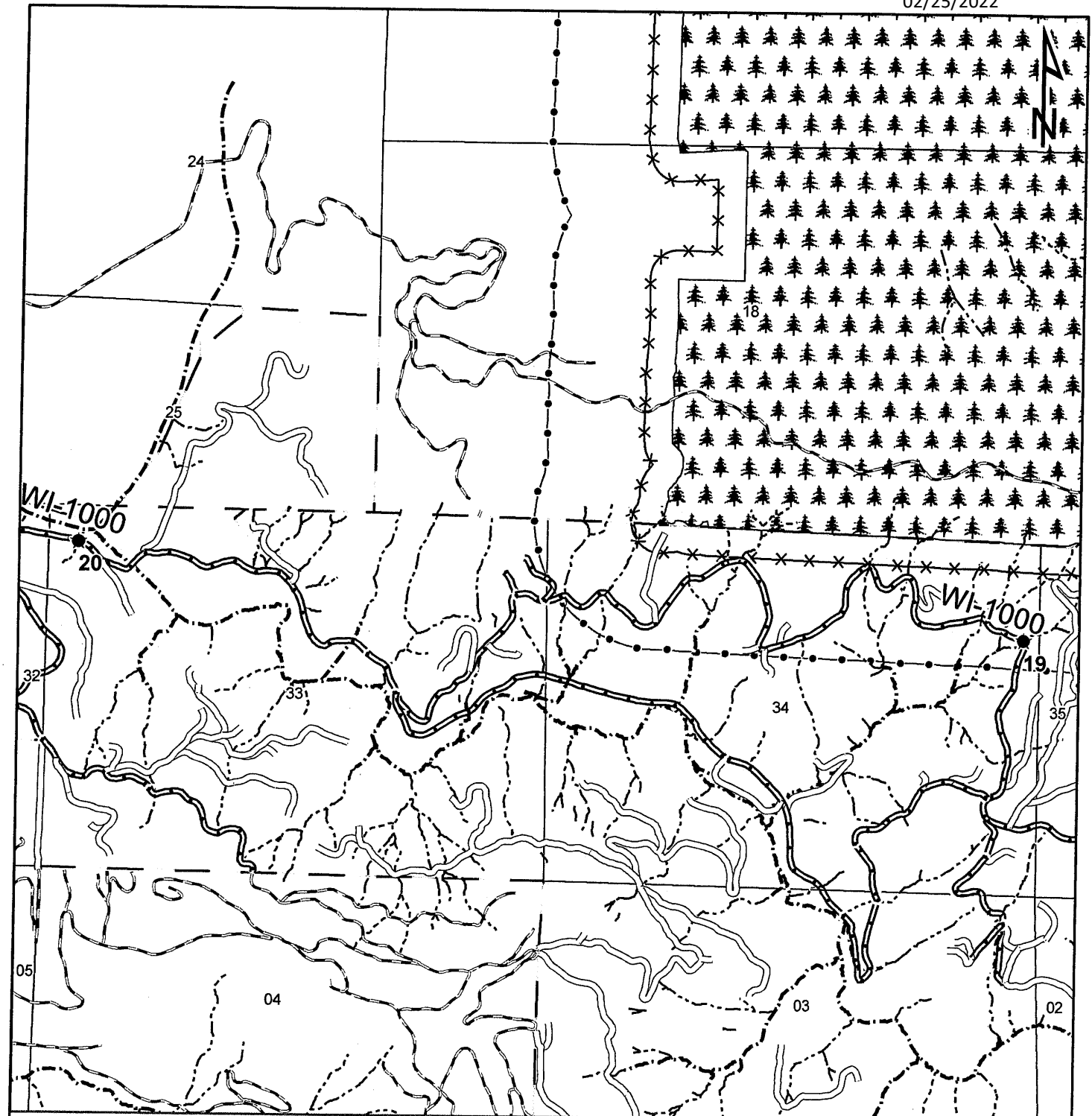
— Class I

--- Class II (II-1, II-2)

--- Class III (IIIA, IIIB)

INTERNAL USE ONLY

A - 19131101
B - 1913121
C - 1810620
D - 1810919
E - 1810920
F - 1811618
G - 1811633
H - 1811705
I - 1812039



GREEN DIAMOND
RESOURCE COMPANY

GDRCo # 93-2102
The Jim Adams
USGS High Divide, CA 1966

Roadwork Points
Map 3 of 3

T18 N, R01 E, HBM | T19 N, R01 E, HBM

Scale:
1:18,000

1 inch = 1,500 feet

Plan Area



● Roadwork Point

— GDRCo Ownership
— Harvest Unit Boundary

Wildlife



Potential MAMU Habitat

× × × 300ft MAMU Buffer

● ● ● 0.25mi MAMU Buffer

Roads

— Public Road

— Existing Permanent Road

— Existing Seasonal Road

Watercourse

— Class I

— Class II (II-1, II-2)

— Class III (III-A, III-B)

INTERNAL USE ONLY

A - 19131101
B - 1913121
C - 1810620
D - 1810919
E - 1810920
F - 1811618
G - 1811633
H - 1811705
I - 1812039



TMIS - Culvert Report

| SiteId | THP# | RDpts# | Acres | Length (Miles) | lower Elevation | Upper Elevation | Altitude | TC | cfs | C.Diam (inches) | C.Diam,Int (inches) | Method |
|----------|--------|--------|-------|-------------------|--------------------|--------------------|----------|------|--------|--------------------|------------------------|----------|
| 10430051 | 932102 | 08 | 11.5 | 0.25 | 606 | 1180 | 516.6 | 2.72 | 15.7 | 30 | 26.1 | Rational |
| 10119408 | 932102 | 09 | 7.2 | 0.19 | 784 | 1111 | 294.3 | 2.46 | 9.83 | 24 | 18.28 | Rational |
| 23063 | 932102 | 10 | 8.5 | 0.28 | 988 | 1620 | 568.8 | 2.99 | 11.6 | 24 | 21.59 | Rational |
| 10430055 | 932102 | 11 | 2.5 | 0.14 | 950 | 1295 | 310.5 | 1.69 | 3.41 | 24 | 6.35 | Rational |
| 9257 | 932102 | 12 | 13.9 | 0.36 | 844 | 1351 | 456.3 | 4.35 | 18.97 | 30 | 28.56 | Rational |
| 9258 | 932102 | 13 | 137 | 0 | 0 | 0 | 0 | 0 | 191.89 | 84 | 73.55 | WC |
| 9263 | 932102 | 14 | 18.4 | 0.3 | 615 | 1058 | 398.7 | 3.71 | 25.12 | 36 | 32.11 | Rational |
| 9209 | 932102 | 15 | 4.3 | 0.17 | 1090 | 1260 | 153 | 2.78 | 5.87 | 24 | 10.92 | Rational |
| 10430160 | 932102 | 16 | 3.28 | 0.17 | 1505 | 1757 | 226.8 | 2.39 | 4.48 | 24 | 8.33 | Rational |
| 9284 | 932102 | 17 | 13.22 | 0.3 | 835 | 1162 | 294.3 | 4.17 | 18.05 | 30 | 27.86 | Rational |
| 9285 | 932102 | 18 | 6 | 0.17 | 849 | 1108 | 233.1 | 2.37 | 8.19 | 24 | 15.24 | Rational |
| 9170 | 932102 | 19 | 36.1 | 0.44 | 508 | 1259 | 675.9 | 4.71 | 49.28 | 48 | 42.43 | Rational |
| 10431988 | 932102 | 21 | 93 | 0 | 0 | 0 | 0 | 0 | 136.99 | 72 | 63.89 | WC |

| | | | | | | |
|--|----------------|-----------|---------------------------------|---|-------------|----|
| GDRCo# | 932102 | | GDRCo Name | The Jim Adams | | |
| State THP# | 1-21-00165-Del | | Calwater Watershed | Lower Rowdy Creek | 1103.120001 | |
| Road Point | 02 | | Legal Description | 18.0N | 01.0E | 20 |
| Road Name | RW-1410 | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 410384 | E:4643940 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Smith River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | NO | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This is an access issue and does not qualify as an Imminent Risk of Failure site. A Class I watercourse crossing that has been removed to AHCP standards. | | | | | | |
| TREATMENT : Install a temporary seasonal bridge crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP and remove prior to the Winter Period of the year of use. | | | | | | |
| Excavated Volume | 0 | | Erosion Potential | Low | | |
| Delivery Volume | 0 | | AHCP Priority | NAP | | |
| Disturbed Surface Area | 0 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|---|----------------|-----------|---------------------------------|--|-------------|---|
| GDRCo# | 932102 | | GDRCo Name | The Jim Adams | | |
| State THP# | 1-21-00165-Del | | Calwater Watershed | Upper Rowdy Creek | 1103.120003 | |
| Road Point | 05 | | Legal Description | T09 | R | 9 |
| Road Name | RW-1840 | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Work will be completed prior to the first Winter Period pending THP approval. If the THP approval occurs on or after July 1 then work will be completed the following year prior to the Winter Period. | | |
| UTM | N : 411483 | E:4646900 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Smith River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class II watercourse with a failing Humboldt crossing. | | | | | | |
| TREATMENT : Excavate between the flagged TOP and BOT removing sediment debris and buried logs. Remove the crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP. | | | | | | |
| Excavated Volume | 33 | | Erosion Potential | Medium | | |
| Delivery Volume | 29 | | AHCP Priority | Medium | | |
| Disturbed Surface Area | 200 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|--|----------------|-----------|---------------------------------|--|-------------|---|
| GDRCo# | 932102 | | GDRCo Name | The Jim Adams | | |
| State THP# | 1-21-00165-Del | | Calwater Watershed | Upper Rowdy Creek | 1103.120003 | |
| Road Point | 06 | | Legal Description | 18.0N | 01.0E | 9 |
| Road Name | RW-1830 | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16), unless 'Unseasonably Dry Fall conditions' are in effect (Oct.16 - Nov.15) of the year of use. | | |
| UTM | N : 411509 | E:4646751 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Smith River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class II watercourse with a fill crossing that is eroding the outboard road edge. | | | | | | |
| TREATMENT : Use this crossing as it is, then excavate between the flagged TOP and BOT removing sediment debris and buried logs and remove the crossing to FPR and GDRCo AHCP guidelines as described Section II of this THP. | | | | | | |
| Excavated Volume | 57 | | Erosion Potential | High | | |
| Delivery Volume | 40 | | AHCP Priority | High | | |
| Disturbed Surface Area | 345 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|--|----------------|-----------|---------------------------------|---|-------------|---|
| GDRCo# | 932102 | | GDRCo Name | The Jim Adams | | |
| State THP# | 1-21-00165-Del | | Calwater Watershed | Upper Rowdy Creek | 1103.120003 | |
| Road Point | 07 | | Legal Description | T09 | R | 9 |
| Road Name | RW-1710 | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 411561 | E:4646550 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Temporary | | |
| Hydrologic Planning Area | Smith River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | NO | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This is a new road construction site and does not qualify as an Imminent Risk of Failure site. A proposed temporary road to be constructed crosses a Class II watercourse. | | | | | | |
| TREATMENT : Install a temporary watercourse crossing to FPR and GDRCo AHCP guidelines as described in Section II of this THP and remove prior to the Winter Period of the year of use. | | | | | | |
| Excavated Volume | 0 | | Erosion Potential | Low | | |
| Delivery Volume | 0 | | AHCP Priority | NAP | | |
| Disturbed Surface Area | 0 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | | |
|------------------------------|----------------|-----------|--|--------------------------|--|-------------|---|
| GDRCo# | 932102 | | | GDRCo Name | The Jim Adams | | |
| State THP# | 1-21-00165-Del | | | Calwater Watershed | Upper Rowdy Creek | 1103.120003 | |
| Road Point | 08 | | | Legal Description | 18.0N | 01.0E | 9 |
| Road Name | RW-1700 | | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | | Work Timing | Work will be completed prior to the first Winter Period pending THP approval. If the THP approval occurs on or after July 1 then work will be completed the following year prior to the Winter Period. | | |
| UTM | N : 411891 | E:4646048 | | Wildlife Restrictions | NO | | |
| Work Type | THP | | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Smith River | | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | | |

CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class II watercourse with a 24" CMP that is rusted through greater than 25%. This crossing is located within 1,000' of a coho watercourse.

TREATMENT : This crossing is located within the 1/4 mile MAMU buffer work must be completed outside of the critical period (Mar. 24 - Sept. 15).

Excavate between the flagged TOP and BOT removing sediment, debris, and buried logs. Install a 30" CMP to FPR and GDRCo AHCP guidelines as described in Section II of this THP.

The crossing approach road surfaces shall be treated with either; rock, slash, seed and straw mulch, or seed and slash from the watercourse channel to the nearest drainage facility, but not less than 50', or to the hydrologic divide, whichever is less, prior to the winter period the road is used.

| | | | |
|-------------------------------|-----|----------------------------|---------------------------|
| Excavated Volume | 130 | Erosion Potential | High |
| Delivery Volume | 91 | AHCP Priority | High |
| Disturbed Surface Area | 785 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | |
|-------------------------------------|----------------|-----------|---------------------------------|--|-------------|---|
| GDRCo# | 932102 | | GDRCo Name | The Jim Adams | | |
| State THP# | 1-21-00165-Del | | Calwater Watershed | Upper Rowdy Creek | 1103.120003 | |
| Road Point | 09 | | Legal Description | 18.0N | 01.0E | 9 |
| Road Name | RW-1700 | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Work will be completed prior to the first Winter Period pending THP approval. If the THP approval occurs on or after July 1 then work will be completed the following year prior to the Winter Period. | | |
| UTM | N : 411986 | E:4646341 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Smith River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class II watercourse with a 24" CMP that has a completely buried inlet. The watercourse flows over the running surface prior to re-entering the natural channel. This crossing is located within 1,000' of a coho watercourse.

TREATMENT : This crossing is located within the 1/4 mile MAMU buffer, work must be completed outside of the critical period (Mar. 24 - Sept. 15).

Excavate between the flagged TOP and BOT removing sediment, debris, and buried logs. Install a 24" CMP to FPR and GDRCo AHCP guidelines as described in Section II of this THP.

The crossing approach road surfaces shall be treated with either; rock, slash, seed and straw mulch, or seed and slash from the watercourse channel to the nearest drainage facility, but not less than 50', or to the hydrologic divide, whichever is less, prior to the winter period the road is used.

| | | | |
|-------------------------------|------|----------------------------|---------------------------|
| Excavated Volume | 178 | Erosion Potential | High |
| Delivery Volume | 124 | AHCP Priority | High |
| Disturbed Surface Area | 1068 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | |
|---|----------------|-----------|---------------------------------|--|-------------|----|
| GDRCo# | 932102 | | GDRCo Name | The Jim Adams | | |
| State THP# | 1-21-00165-Del | | Calwater Watershed | Lower Rowdy Creek | 1103.120001 | |
| Road Point | 10 | | Legal Description | 18.0N | 01.0E | 21 |
| Road Name | RW-1400 | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Work will be completed prior to the first Winter Period pending THP approval. If the THP approval occurs on or after July 1 then work will be completed the following year prior to the Winter Period. | | |
| UTM | N : 411808 | E:4644089 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Smith River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class II watercourse with an 18" CMP set on top of a Humboldt crossing is rusted through greater than 25%. | | | | | | |
| TREATMENT : Excavate between the flagged TOP and BOT removing sediment, debris, and buried logs. Install a 24" CMP to FPR and GDRCo AHCP guidelines as described in Section II of this THP. | | | | | | |
| Excavated Volume | 70 | | Erosion Potential | High | | |
| Delivery Volume | 49 | | AHCP Priority | High | | |
| Disturbed Surface Area | 424 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|--|----------------|-----------|---------------------------------|--|-------------|----|
| GDRCo# | 932102 | | GDRCo Name | The Jim Adams | | |
| State THP# | 1-21-00165-Del | | Calwater Watershed | Lower Rowdy Creek | 1103.120001 | |
| Road Point | 11 | | Legal Description | 18.0N | 01.0E | 16 |
| Road Name | RW-1400 | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Work will be completed prior to the first Winter Period pending THP approval. If the THP approval occurs on or after July 1 then work will be completed the following year prior to the Winter Period. | | |
| UTM | N : 411953 | E:4644378 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Smith River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | NO | | |
| Fees Payed From Previous AWP | NO | | | | | |
| <p>CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class II watercourse that is conveyed along the ditchline to the left for 50' prior to draining into a Class II watercourse crossing with a 30" CMP. The ditchline is filled in and the road surface is partially being saturated. The watercourse currently has diversion potential. No obvious downstream channel was observed.</p> | | | | | | |
| <p>TREATMENT : Excavate and rock line the inboard ditch from the Class II watercourse to the inlet basin of the 30" CMP on the left. Install rock armor at the TOP of the excavation area to prevent future headcutting or debris accumulation in the ditchline.</p> | | | | | | |
| Excavated Volume | 146 | | Erosion Potential | Medium | | |
| Delivery Volume | 102 | | AHCP Priority | Low | | |
| Disturbed Surface Area | 880 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|--|----------------|-----------|---------------------------------|--|-------------|---|
| GDRCo# | 932102 | | GDRCo Name | The Jim Adams | | |
| State THP# | 1-21-00165-Del | | Calwater Watershed | S. Fork Winchuck River | 1101.000001 | |
| Road Point | 12 | | Legal Description | 18.0N | 01.0E | 6 |
| Road Name | WI-1000 | | Annual Plan Year | 2022 | | |
| Road Surface | Rock | | Work Timing | Prior to the Winter Period (Oct.16), unless 'Unseasonably Dry Fall conditions' are in effect (Oct.16 - Nov.15) of the year of use. | | |
| UTM | N : 408249 | E:4647555 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Permanent | | |
| Hydrologic Planning Area | Smith River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure site. A Class II watercourse crossing with a 24" CMP that is rusted through less than 25%. This crossing is within the work footprint and shares the same BOT of the adjacent Class II watercourse crossing that is proposed to be upgraded. | | | | | | |
| TREATMENT : Excavate between the flagged TOP and BOT removing sediment, debris and buried logs. Install a 30" CMP to FPR and GDRCo AHCP guidelines as described in Section II of this THP. | | | | | | |
| Excavated Volume | 386 | | Erosion Potential | Low | | |
| Delivery Volume | 100 | | AHCP Priority | Low | | |
| Disturbed Surface Area | 800 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|--|----------------|-----------|---------------------------------|--|-------------|---|
| GDRCo# | 932102 | | GDRCo Name | The Jim Adams | | |
| State THP# | 1-21-00165-Del | | Calwater Watershed | S. Fork Winchuck River | 1101.000001 | |
| Road Point | 13 | | Legal Description | 18.0N | 01.0E | 6 |
| Road Name | WI-1000 | | Annual Plan Year | 2022 | | |
| Road Surface | Rock | | Work Timing | Work will be completed prior to the first Winter Period pending THP approval. If the THP approval occurs on or after July 1 then work will be completed the following year prior to the Winter Period. | | |
| UTM | N : 408239 | E:4647563 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Permanent | | |
| Hydrologic Planning Area | Smith River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class II watercourse with a 48" CMP that is rusted through greater than 25%. | | | | | | |
| TREATMENT : Excavate between the flagged TOP and BOT removing sediment, debris, and buried logs. Install an 84" CMP to FPR and GDRCo AHCP guidelines as described in Section II of this THP. | | | | | | |
| Excavated Volume | 167 | | Erosion Potential | High | | |
| Delivery Volume | 117 | | AHCP Priority | High | | |
| Disturbed Surface Area | 1005 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|---|----------------|-----------|---------------------------------|--|-------------|---|
| GDRCo# | 932102 | | GDRCo Name | The Jim Adams | | |
| State THP# | 1-21-00165-Del | | Calwater Watershed | S. Fork Winchuck River | 1101.000001 | |
| Road Point | 14 | | Legal Description | 18.0N | 01.0E | 6 |
| Road Name | WI-1000 | | Annual Plan Year | 2022 | | |
| Road Surface | Rock | | Work Timing | Work will be completed prior to the first Winter Period pending THP approval. If the THP approval occurs on or after July 1 then work will be completed the following year prior to the Winter Period. | | |
| UTM | N : 407503 | E:4647568 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Permanent | | |
| Hydrologic Planning Area | Smith River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class II watercourse with a 30" CMP that is rusted through greater than 25%. | | | | | | |
| TREATMENT : Excavate between the flagged TOP and BOT removing sediment, debris, and buried logs. Install a 36" CMP to FPR and GDRCo AHCP guidelines as described in Section II of this THP. | | | | | | |
| Excavated Volume | 414 | | Erosion Potential | High | | |
| Delivery Volume | 290 | | AHCP Priority | High | | |
| Disturbed Surface Area | 2489 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

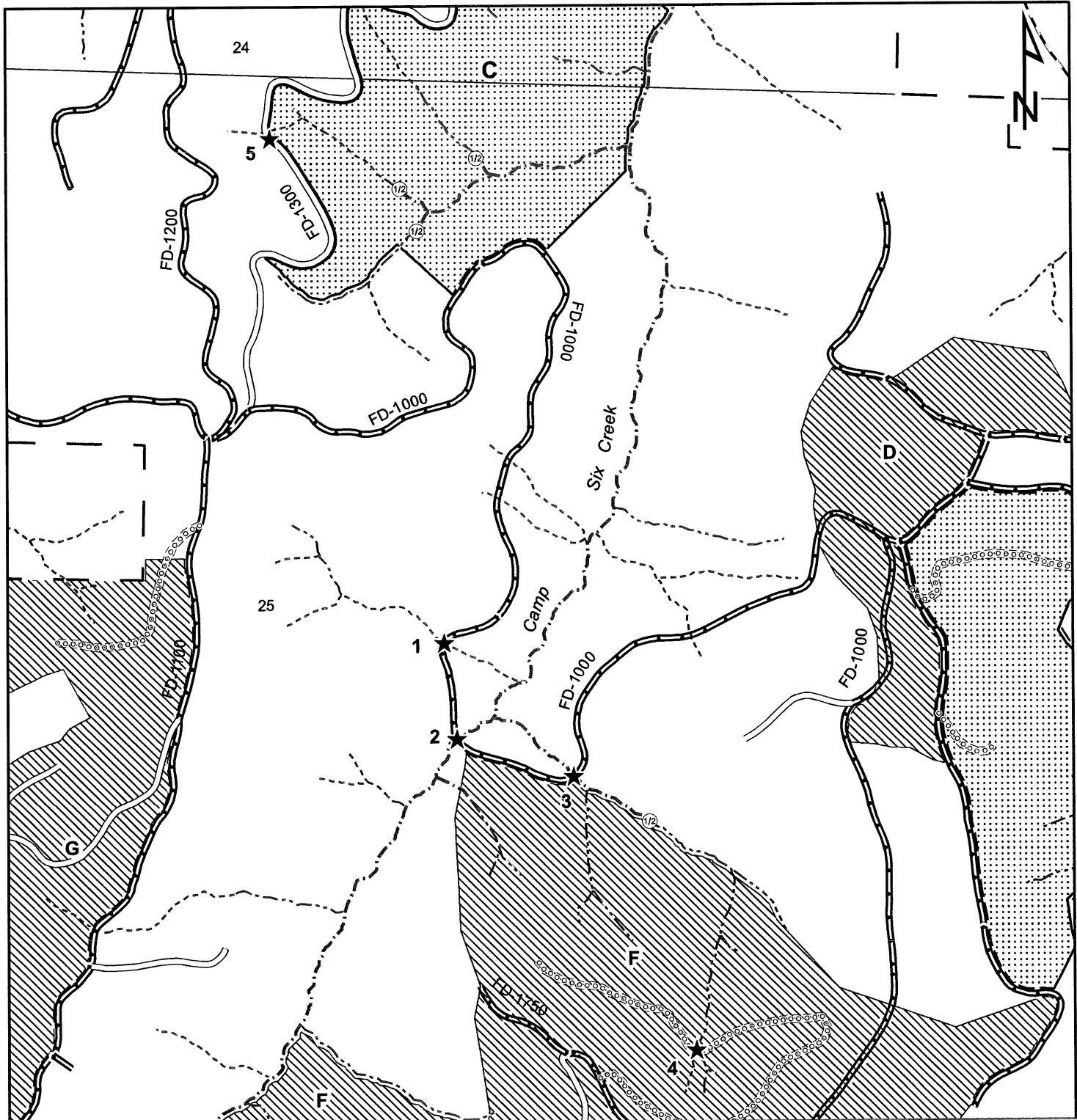
| | | | | | | |
|---|----------------|-----------|---------------------------------|--|-------------|----|
| GDRCo# | 932102 | | GDRCo Name | The Jim Adams | | |
| State THP# | 1-21-00165-Del | | Calwater Watershed | S. Fork Winchuck River | 1101.000001 | |
| Road Point | 15 | | Legal Description | 19.0N | 01.0E | 31 |
| Road Name | WI-1700 | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Work will be completed prior to the first Winter Period pending THP approval. If the THP approval occurs on or after July 1 then work will be completed the following year prior to the Winter Period. | | |
| UTM | N : 407976 | E:4649190 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Smith River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class II watercourse with a 12" CMP that is disconnected at the out-board road edge and is 100% plugged. | | | | | | |
| TREATMENT : Excavate between the flagged TOP and BOT removing sediment, debris, and buried logs. Install a 24" CMP to FPR and GDRCo AHCP guidelines as described in Section II of this THP. | | | | | | |
| Excavated Volume | 47 | | Erosion Potential | High | | |
| Delivery Volume | 33 | | AHCP Priority | High | | |
| Disturbed Surface Area | 282 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|---|----------------|-----------|---------------------------------|--|-------------|---|
| GDRCo# | 932102 | | GDRCo Name | The Jim Adams | | |
| State THP# | 1-21-00165-Del | | Calwater Watershed | S. Fork Winchuck River | 1101.000001 | |
| Road Point | 16 | | Legal Description | T06 | R | 6 |
| Road Name | WI-1700.B | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Work will be completed prior to the first Winter Period pending THP approval. If the THP approval occurs on or after July 1 then work will be completed the following year prior to the Winter Period. | | |
| UTM | N : 408758 | E:4648950 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Smith River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class II watercourse with a failing Humboldt crossing that has reduced the road width. | | | | | | |
| TREATMENT : Excavate between the flagged TOP and BOT removing sediment debris and buried logs. Install a 24" CMP to FPR and GDRCo AHCP guidelines as described in Section II of this THP. | | | | | | |
| Excavated Volume | 36 | | Erosion Potential | High | | |
| Delivery Volume | 25 | | AHCP Priority | High | | |
| Disturbed Surface Area | 220 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|---|----------------|------------|---------------------------------|--|-------------|----|
| GDRCo# | 932102 | | GDRCo Name | The Jim Adams | | |
| State THP# | 1-21-00165-Del | | Calwater Watershed | S. Fork Winchuck River | 1101.000001 | |
| Road Point | 17 | | Legal Description | 19.0N | 01.0W | 36 |
| Road Name | WI-1000 | | Annual Plan Year | 2022 | | |
| Road Surface | Rock | | Work Timing | Work will be completed prior to the first Winter Period pending THP approval. If the THP approval occurs on or after July 1 then work will be completed the following year prior to the Winter Period. | | |
| UTM | N : 407344 | E: 4649316 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Permanent | | |
| Hydrologic Planning Area | Smith River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |
| <p>CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class III watercourse that has a 110' x 25' historic berm directly upstream of the crossing. The berm has resulted in a diversion gully that splits the watercourse into two channels during high flows. Currently a 24" CMP that is rusted through greater than 25% is aligned with the channel on the right, and the channel on the left drains to the culvert via the inboard ditch. Two downstream channels are present. The channel on the left is presumed to be the original channel, however it appears to be more prone to erosion than the downstream channel on the right.</p> | | | | | | |
| <p>TREATMENT : Option 1: Excavate from TOP to the flagged BOT removing sediment, debris and buried logs and install a 30" CMP to FPR and GDRCo AHCP guidelines as described in Section II of this THP. Build up berm/ditch blockage to the left of left diversion and maintain inboard ditch from left diversion to be properly conveyed to new CMP to the right. Rock armor ditch as needed.</p> <p>Option2: Excavate from the TOP flag through the berm, to the existing culvert in order to establish one watercourse channel. Install a barrier to block stream flow from entering the channel on the left of the berm. Build up the existing right stream bank and rock armor it from the TOP to the culvert.</p> | | | | | | |
| Excavated Volume | 86 | | Erosion Potential | High | | |
| Delivery Volume | 60 | | AHCP Priority | High | | |
| Disturbed Surface Area | 520 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|---|----------------|-----------|---------------------------------|--|-------------|----|
| GDRCo# | 932102 | | GDRCo Name | The Jim Adams | | |
| State THP# | 1-21-00165-Del | | Calwater Watershed | S. Fork Winchuck River | 1101.000001 | |
| Road Point | 18 | | Legal Description | 19.0N | 01.0W | 36 |
| Road Name | WI-1000 | | Annual Plan Year | 2022 | | |
| Road Surface | Rock | | Work Timing | Work will be completed prior to the first Winter Period pending THP approval. If the THP approval occurs on or after July 1 then work will be completed the following year prior to the Winter Period. | | |
| UTM | N : 407245 | E:4649441 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Permanent | | |
| Hydrologic Planning Area | Smith River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class III watercourse with a 24" CMP that is rusted through greater than 25%. The inlet was set high in the fill, resulting in a 50' sediment wedge. | | | | | | |
| TREATMENT : Excavate between the flagged TOP and BOT removing sediment, debris, and buried logs. Install a 24" CMP to FPR and GDRCo AHCP guidelines as described in Section II of this THP. | | | | | | |
| Excavated Volume | 28 | | Erosion Potential | High | | |
| Delivery Volume | 20 | | AHCP Priority | High | | |
| Disturbed Surface Area | 172 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|--|----------------|-----------|---------------------------------|--|-------------|----|
| GDRCo# | 932102 | | GDRCo Name | The Jim Adams | | |
| State THP# | 1-21-00165-Del | | Calwater Watershed | S. Fork Winchuck River | 1101.000001 | |
| Road Point | 19 | | Legal Description | 19.0N | 01.0W | 34 |
| Road Name | WI-1000 | | Annual Plan Year | 2022 | | |
| Road Surface | Rock | | Work Timing | Work will be completed prior to the first Winter Period pending THP approval. If the THP approval occurs on or after July 1 then work will be completed the following year prior to the Winter Period. | | |
| UTM | N : 404163 | E:4649865 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Permanent | | |
| Hydrologic Planning Area | Smith River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class II watercourse with a 30" CMP that is rusted through greater than 25%. | | | | | | |
| TREATMENT : This crossing is located within the 1/4 mile MAMU buffer, work must be completed outside of the critical period (Mar. 24 - Sept. 15). Excavate between the flagged TOP and BOT removing sediment, debris, and buried logs. Install a 48" CMP to FPR and GDRCo AHCP guidelines as described in Section II of this THP. | | | | | | |
| Excavated Volume | 80 | | Erosion Potential | High | | |
| Delivery Volume | 56 | | AHCP Priority | High | | |
| Disturbed Surface Area | 484 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |



GREEN DIAMOND
RESOURCE COMPANY

GDRCo #95-2101
Camp 6 Creek THP

Road Work Required Map

T17N, R01W, HBM
Sec. 24 & 25
USGS Quads: Crescent City, CA. 1978
Hiouchi, CA. 1966

Scale: 1:6,000
1 inch = 500 feet
Contour interval = 40 ft.



Final Harvest Unit



Non-Final Harvest Unit

— GDRCo Ownership
— Harvest Unit Boundary



Road Point



Class 1/2 Break

Roads



Public Road



Existing Permanent Road



Existing Seasonal Road



Proposed Seasonal Road

Watercourse

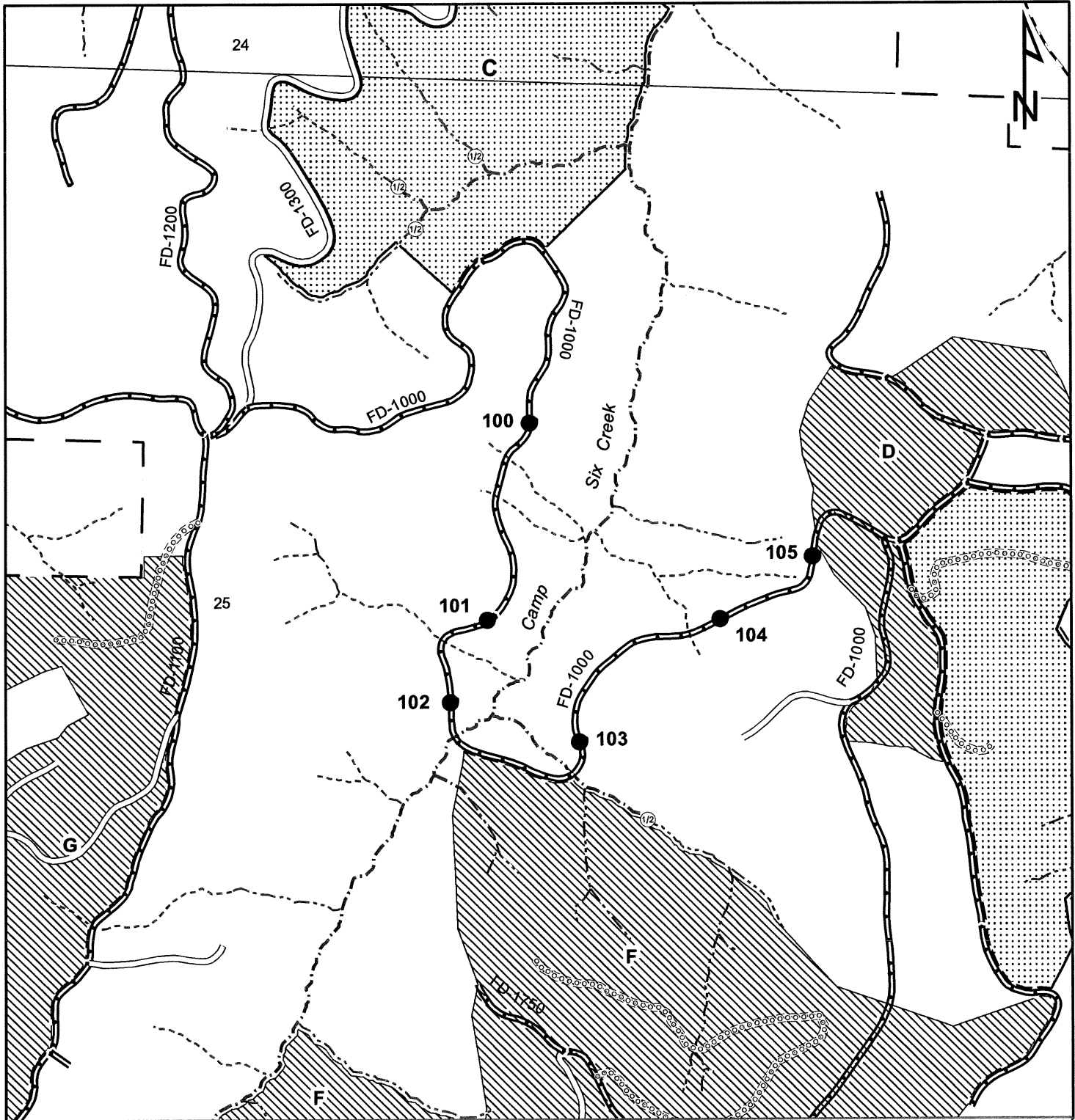
— Class I

— Class II (II-1, II-2)

— Class III (IIIA, IIIB)

INTERNAL USE ONLY

Unit C: 1702416
Unit D: 1702521
Unit F: 1702522
Unit G: 1702523



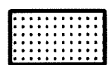
GREEN DIAMOND
RESOURCE COMPANY

GDRCo #95-2101
Camp 6 Creek THP

Watercourse Disconnect Map

T17N, R01W, HBM
Sec. 24 & 25
USGS Quads: Crescent City, CA. 1978
Hiouchi, CA. 1966

Scale: 1:6,000
1 inch = 500 feet
Contour interval = 40 ft.



Final Harvest Unit



Non-Final Harvest Unit

— GDRCo Ownership
— Harvest Unit Boundary



Disconnect Point



Class 1/2 Break

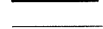
Roads



Public Road



Existing Permanent Road



Existing Seasonal Road



Proposed Seasonal Road

Watercourse

— Class I

--- Class II (II-1, II-2)

---- Class III (IIIA, IIIB)

INTERNAL USE ONLY

Unit C: 1702416
Unit D: 1702521
Unit F: 1702522
Unit G: 1702523



TMIS - Culvert Report

| Siteld | THP# | RDpts# | Acres | Length (Miles) | lower Elevation | Upper Elevation | Altitude | TC | cfs | C.Diam (inches) | C.Diam,Int (inches) | Method |
|----------|--------|--------|-------|-------------------|--------------------|--------------------|----------|------|------|--------------------|------------------------|----------|
| 10431857 | 952101 | 4 | 4.7 | 0.1 | 399 | 612 | 191.7 | 1.38 | 6.42 | 24 | 11.94 | Rational |
| 10434075 | 952101 | 6 | 5.8 | 0.14 | 402 | 736 | 300.6 | 1.79 | 7.92 | 24 | 14.73 | Rational |

| | | | | | | |
|--|----------------|--|---------------------------------|--|-------------|----|
| GDRCo# | 952101 | | GDRCo Name | Camp Six THP | | |
| State THP# | 1-22-00002-DEL | | Calwater Watershed | Little Mill Creek | 1103.110001 | |
| Road Point | 100 | | Legal Description | 17.0N | 01.0W | 25 |
| Road Name | FD-1000 | | Annual Plan Year | 2022 | | |
| Road Surface | Rock | | Work Timing | Prior to log hauling in the Winter Period (October 15- May 1) | | |
| UTM | N : 406395 | | E:4632678 | Wildlife Restrictions | NO | |
| Work Type | THP | | Road Use Restriction | Permanent | | |
| Hydrologic Planning Area | Smith River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | NO | | |
| Fees Payed From Previous AWP | NO | | | | | |
| CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure site. A Class III watercourse that is hydrologically connected to the ditchline. | | | | | | |
| TREATMENT : Install a DRC on the left approach at the flagged location. | | | | | | |
| Excavated Volume | 0 | | Erosion Potential | Low | | |
| Delivery Volume | 0 | | AHCP Priority | Low | | |
| Disturbed Surface Area | 0 | | Excavated Materials | Soil,Gravel,Rock and Wood | | |

| | | | | | | |
|-------------------------------------|----------------|-----------|---------------------------------|--|-------------|----|
| GDRCo# | 952101 | | GDRCo Name | Camp Six THP | | |
| State THP# | 1-22-00002-DEL | | Calwater Watershed | Little Mill Creek | 1103.110001 | |
| Road Point | 101 | | Legal Description | 17.0N | 01.0W | 25 |
| Road Name | FD-1000 | | Annual Plan Year | 2022 | | |
| Road Surface | Rock | | Work Timing | Prior to log hauling in the Winter Period (October 15- May 1) | | |
| UTM | N : 406356 | E:4632481 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Permanent | | |
| Hydrologic Planning Area | Smith River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | NO | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure site. A Class III watercourse that is hydrologically connected to the ditchline on the left approach.

TREATMENT : Install a DRC on the left approach at the flagged location.

| | | | |
|-------------------------------|---|----------------------------|---------------------------|
| Excavated Volume | 0 | Erosion Potential | Low |
| Delivery Volume | 0 | AHCP Priority | Low |
| Disturbed Surface Area | 0 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | |
|-------------------------------------|----------------|-----------|---------------------------------|--|-------------|----|
| GDRCo# | 952101 | | GDRCo Name | Camp Six THP | | |
| State THP# | 1-22-00002-DEL | | Calwater Watershed | Little Mill Creek | 1103.110001 | |
| Road Point | 102 | | Legal Description | 17.0N | 01.0W | 25 |
| Road Name | FD-1000 | | Annual Plan Year | 2022 | | |
| Road Surface | Rock | | Work Timing | Prior to log hauling in the Winter Period (October 15- May 1) | | |
| UTM | N : 406315 | E:4632401 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Permanent | | |
| Hydrologic Planning Area | Smith River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | NO | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure site. A Class I watercourse that is hydrologically connected to the ditchline on the left approach.

TREATMENT : Install a DRC on the left approach at the flagged location.

| | | | |
|-------------------------------|---|----------------------------|---------------------------|
| Excavated Volume | 0 | Erosion Potential | Low |
| Delivery Volume | 0 | AHCP Priority | Low |
| Disturbed Surface Area | 0 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | |
|-------------------------------------|----------------|-----------|---------------------------------|--|-------------|----|
| GDRCo# | 952101 | | GDRCo Name | Camp Six THP | | |
| State THP# | 1-22-00002-DEL | | Calwater Watershed | Little Mill Creek | 1103.110001 | |
| Road Point | 103 | | Legal Description | 17.0N | 01.0W | 25 |
| Road Name | FD-1000 | | Annual Plan Year | 2022 | | |
| Road Surface | Rock | | Work Timing | Prior to log hauling in the Winter Period (October 15- May 1) | | |
| UTM | N : 406456 | E:4632344 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Permanent | | |
| Hydrologic Planning Area | Smith River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | NO | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure site. A Class I watercourse that is hydrologically connected to the ditchline.

TREATMENT : Install a DRC on the right approach at the flagged location.

| | | | |
|-------------------------------|---|----------------------------|---------------------------|
| Excavated Volume | 0 | Erosion Potential | Low |
| Delivery Volume | 0 | AHCP Priority | Low |
| Disturbed Surface Area | 0 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | |
|-------------------------------------|----------------|-----------|---------------------------------|--|-------------|----|
| GDRCo# | 952101 | | GDRCo Name | Camp Six THP | | |
| State THP# | 1-22-00002-DEL | | Calwater Watershed | Little Mill Creek | 1103.110001 | |
| Road Point | 104 | | Legal Description | 17.0N | 01.0W | 25 |
| Road Name | FD-1000 | | Annual Plan Year | 2022 | | |
| Road Surface | Rock | | Work Timing | Prior to log hauling in the Winter Period (October 15- May 1) | | |
| UTM | N : 406599 | E:4632479 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Permanent | | |
| Hydrologic Planning Area | Smith River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | NO | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure site. A Class III watercourse that is hydrologically connected to the ditchline on the right approach.

TREATMENT : Install a DRC on the right approach at the flagged location.

| | | | |
|-------------------------------|---|----------------------------|---------------------------|
| Excavated Volume | 0 | Erosion Potential | Low |
| Delivery Volume | 0 | AHCP Priority | Low |
| Disturbed Surface Area | 0 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | |
|-------------------------------------|----------------|-----------|---------------------------------|--|-------------|----|
| GDRCo# | 952101 | | GDRCo Name | Camp Six THP | | |
| State THP# | 1-22-00002-DEL | | Calwater Watershed | Little Mill Creek | 1103.110001 | |
| Road Point | 105 | | Legal Description | 17.0N | 01.0W | 25 |
| Road Name | FD-1000 | | Annual Plan Year | 2022 | | |
| Road Surface | Rock | | Work Timing | Prior to log hauling in the Winter Period (October 15- May 1) | | |
| UTM | N : 406704 | E:4632543 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Permanent | | |
| Hydrologic Planning Area | Smith River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | NO | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : This site does not qualify as an Imminent Risk of Failure site. The ditchline on the right approach drains into a 24" pipe above the head of a Class III watercourse.

TREATMENT : Disconnect the ditchline with a rolling dip or a DRC.

| | | | |
|-------------------------------|---|----------------------------|---------------------------|
| Excavated Volume | 0 | Erosion Potential | Low |
| Delivery Volume | 0 | AHCP Priority | Low |
| Disturbed Surface Area | 0 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | |
|-------------------------------------|----------------|-----------|---------------------------------|--|-------------|----|
| GDRCo# | 952101 | | GDRCo Name | Camp Six THP | | |
| State THP# | 1-22-00002-DEL | | Calwater Watershed | Little Mill Creek | 1103.110001 | |
| Road Point | 2 | | Legal Description | 17.0N | 01.0W | 25 |
| Road Name | FD-1000 | | Annual Plan Year | 2022 | | |
| Road Surface | Native Rock | | Work Timing | Work will be completed prior to the first Winter Period pending THP approval. If the THP approval occurs on or after July 1 then work will be completed the following year prior to the Winter Period. | | |
| UTM | N : 406320 | E:4632356 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Permanent | | |
| Hydrologic Planning Area | Smith River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class I watercourse crossing with an aluminum 60" CMP that has scour on the in-board fill around the inlet. The outlet is perched 1' above the plunge pool below, establishing a temporary fish barrier.

TREATMENT : No operations can start until a qualified biologist has evaluated this site for presence of fish and other aquatic species within the project area. Excavate between the flagged TOP and BOT removing sediment, debris and buried logs. Remove fill material and existing culvert and excavate side slopes to a 1.5:1 angle. The bridge will have a minimum length of 30 feet and a minimum height of 6 feet from the bottom of the bridge to the base of the channel. The width of the channel under the bridge will be a minimum width of 8 feet after installation of rip-rap. Establish a minimum opening of 105 square feet under the bridge. Fill slopes will have average diameter of 1.5 foot rip rap placed from the channel to the abutments of the bridge. All imported fill faces will be armored with competent rip rap.

| | | | |
|-------------------------------|---|----------------------------|---------------------------|
| Excavated Volume | 0 | Erosion Potential | High |
| Delivery Volume | 0 | AHCP Priority | High |
| Disturbed Surface Area | 0 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | |
|-------------------------------------|----------------|-----------|---------------------------------|---|-------------|----|
| GDRCo# | 952101 | | GDRCo Name | Camp Six THP | | |
| State THP# | 1-22-00002-DEL | | Calwater Watershed | Little Mill Creek | 1103.110001 | |
| Road Point | 4 | | Legal Description | T25 | R | 25 |
| Road Name | Seasonal_F | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Prior to the Winter Period (Oct.16) of the year of use. | | |
| UTM | N : 406577 | E:4632020 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Smith River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | NO | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : This is a new road construction site and does not qualify as an Imminent Risk of Failure site. A proposed seasonal road to be constructed crosses below or near the confluence of two Class II watercourses.

TREATMENT : Depending on the built alignment of the seasonal construction, either install a 24" CMP.
OR install two 24" CMP's to FPR and GDRCo AHCP guidelines as described in Section II of this THP.
OR install one or two temporary watercourse crossings to FPR and GDRCo AHCP guidelines as described in Section II of this THP and remove prior to the Winter Period of the year of use.

| | | | |
|-------------------------------|---|----------------------------|---------------------------|
| Excavated Volume | 0 | Erosion Potential | Low |
| Delivery Volume | 0 | AHCP Priority | NAP |
| Disturbed Surface Area | 0 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | |
|-------------------------------------|----------------|-----------|---------------------------------|--|-------------|----|
| GDRCo# | 952101 | | GDRCo Name | Camp Six THP | | |
| State THP# | 1-22-00002-DEL | | Calwater Watershed | Little Mill Creek | 1103.110001 | |
| Road Point | 5 | | Legal Description | 17.0N | 01.0W | 25 |
| Road Name | FD-1300 | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | Work Timing | Work will be completed prior to the first Winter Period pending THP approval. If the THP approval occurs on or after July 1 then work will be completed the following year prior to the Winter Period. | | |
| UTM | N : 406118 | E:4633014 | Wildlife Restrictions | NO | | |
| Work Type | THP | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Smith River | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | |

CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class III watercourse crossing with a 24" CMP that has an obstructed inlet. The inlet basin is heavily vegetated with pampas grass and blackberry. There is no evidence of the watercourse overtopping the road. CGS Recommendation: the outboard of the fill prism at the proposed crossing (corresponding to CDFW Point 1) be hardened by adding rock and sizing the critical dip to accommodate expected design flow.

TREATMENT : Clear the inlet area to allow for proper stream conveyance. Rock the road surface through the critical dip.

| | | | |
|-------------------------------|---|----------------------------|---------------------------|
| Excavated Volume | 0 | Erosion Potential | Low |
| Delivery Volume | 0 | AHCP Priority | Medium |
| Disturbed Surface Area | 0 | Excavated Materials | Soil,Gravel,Rock and Wood |

| | | | | | | | |
|--|----------------|-----------|--|---------------------------------|--|-------------|----|
| GDRCo# | 952101 | | | GDRCo Name | Camp Six THP | | |
| State THP# | 1-22-00002-DEL | | | Calwater Watershed | Little Mill Creek | 1103.110001 | |
| Road Point | 6 | | | Legal Description | 17.0N | 01.0W | 25 |
| Road Name | FD-1300 | | | Annual Plan Year | 2022 | | |
| Road Surface | Native | | | Work Timing | Work will be completed prior to the first Winter Period pending THP approval. If the THP approval occurs on or after July 1 then work will be completed the following year prior to the Winter Period. | | |
| UTM | N : 406107 | E:4632879 | | Wildlife Restrictions | NO | | |
| Work Type | THP | | | Road Use Restriction | Seasonal | | |
| Hydrologic Planning Area | Smith River | | | Aquatic Hab. Survey Req? | NO | | |
| Project Type | II/III | | | ECP Req? | YES | | |
| PreConsultation Completed? | NO | | | 1600 Req? | YES | | |
| Fees Payed From Previous AWP | NO | | | | | | |
| <p>CURRENT CONDITION : This site qualifies as an Imminent Risk of Failure site. A Class III watercourse crossing with a buried inlet. CGS Recommendation: the outboard and inboard edge of the fill prism at the crossing be hardened by adding rock and sizing the critical dip to accommodate expected design flow.</p> | | | | | | | |
| <p>TREATMENT : Excavate between the flagged TOP and BOT removing sediment, debris and buried logs. Install a 24" CMP to FPR and GDRCo AHCP guidelines as described in Section II of this THP. Rock the outboard and inboard edge of the fill prism at the crossing and size the critical dip to accomodate expected flow.</p> | | | | | | | |
| Excavated Volume | 50 | | | Erosion Potential | Medium | | |
| Delivery Volume | 44 | | | AHCP Priority | High | | |
| Disturbed Surface Area | 300 | | | Excavated Materials | Soil,Gravel,Rock and Wood | | |



P.O. Box 245
Orick, California 95555
707-668-4400

December 10, 2021

CALFIRE-Santa Rosa
135 Ridgway Avenue
Santa Rosa, CA 95401

THP #1-18-103 HUM (GDRCo # 61-1801)

Sir or Madam,

I wish to amend the above referenced Timber Harvest Plan (THP), to add an additional road point located along an un-named seasonal road in Unit B, for a class III watercourse that has been discovered after harvesting operations were completed. The work proposed at Road Point 3 is described in the attached Road Work Order and its location is shown on the attached Unit B detail map.

This change is minor in scope as it can reasonably be expected not to significantly adversely affect timberland productivity or values relating to soil, water quality, wildlife, Fisheries, range and forage, recreation, and aesthetic enjoyment.

Thank You,

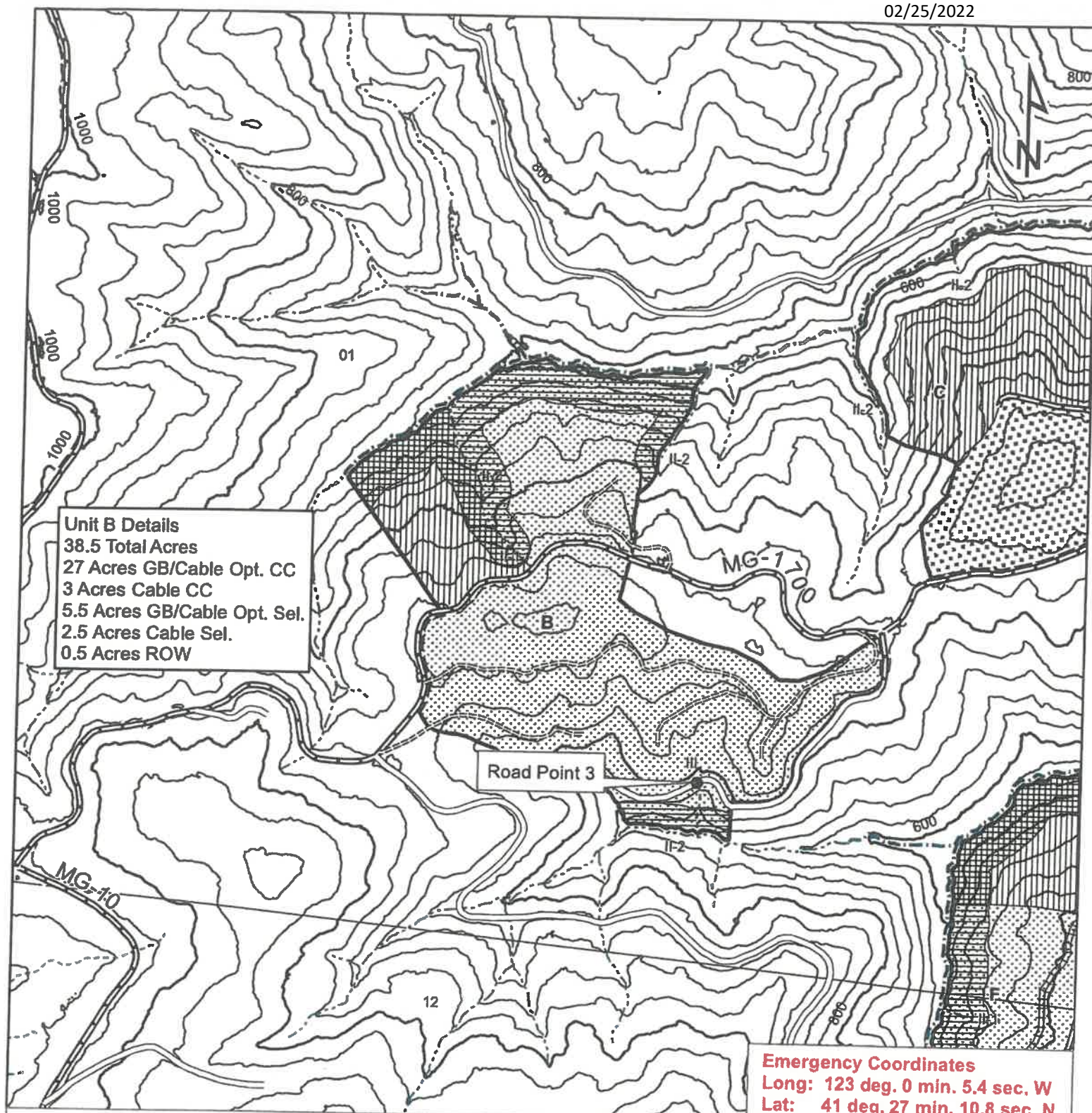
A handwritten signature in black ink, appearing to be "Reid Cody", written over a horizontal line.

Reid Cody
RPF #3023
(707) 668-3757

THP - Road Work Order

GDRCO # : 611801
 THP Name : Headwaters of Tarup
 Date Print : 12/10/2021

| Road Point | Road Name | Road Classification | Mitigation Planned? | Programmatic Permit? | | Timing of Work And/Or Mitigation of Operation Completion |
|--|-------------|---------------------|---------------------|--|-----|--|
| | | | | MATO | WDR | |
| 03 | MG-1700.75R | Seasonal | YES | YES | YES | See comments in road work description. |
| Current Condition: This site qualifies as an Imminent Risk of Failure site. A Class III watercourse was discovered after completion of harvesting operations. This watercourse does not have drainage structure currently and is actively downcutting a channel across a seasonal road. | | | | Required Work : Work will be completed prior to the Winter Period the year of amendment approval. Excavate the current channel location to grade removing all road fill. Abandoned this road point to watercourse crossing standards described by FPR and GDRCo AHCP guidelines included in Section II of the approved THP. | | |



GREEN DIAMOND
 RESOURCE COMPANY

GDRCo # 61-1801
 Headwaters of Tarup

Unit B Detail Map

Ah Pah Ridge, CA, USGS 1983
 Fern Canyon, CA, USGS 1966
 T12N, R01E, HBM, Sec. 1, 12

Scale: 1:6,000
 1 inch = 500 feet
 Contour Interval = 40ft

Cable Yarding
 - Clearcutting
 - Mod EHR
 - Site Class II



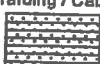
Cable Yarding (RMZ/GEO)
 - Selection
 - Low EHR
 - Site Class II



Ground Based Yarding / Cable Option
 - Clearcutting
 - Low EHR
 - Site Class II



Ground Based Yarding / Cable Option (RMZ)
 - Selection
 - Low EHR
 - Site Class II



Ground Based Yarding
 - Clearcutting
 - Low EHR
 - Site Class II



Roads

- Existing Permanent Road
- Existing Seasonal Road
- Proposed Seasonal Road
- Existing Seasonal Road (to be abandoned)
- Proposed Temporary Road (to be abandoned)

- GDRCo Ownership
- Harvest Unit Boundary

Watercourse

- Class I
- Class II (II-1, II-2)
- Class III (IIIA)

Cody, Reid

From: Walcott, Timothy@Waterboards <Timothy.Walcott@waterboards.ca.gov>
Sent: Friday, December 10, 2021 12:18 PM
To: Cody, Reid
Subject: Re: Amended Road Point #3 for 1-18-103-HUM THP

Reid,

The proposed amendment looks good. Thanks for your prompt response.

Have a Merry Christmas and Happy New Year!!!

Tim

From: Cody, Reid <Reid.Cody@greendiamond.com>
Sent: Friday, December 10, 2021 11:54 AM
To: Walcott, Timothy@Waterboards <Timothy.Walcott@waterboards.ca.gov>
Subject: Amended Road Point #3 for 1-18-103-HUM THP

EXTERNAL:

Hi Tim,

Here is the amendment that I will be submitting for the watercourse in Unit B of the 1-18-103-HUM THP, that we looked at earlier this week. I spoke with Jeremy about possibly adding this to the Annual Road Work Plan, but he believes that is more appropriate to amend this into the THP because it is still an active plan. Look at it and make sure there is not anything else you would like me to add to it. I am also planning on discussing this with Brandon Rodgers (Cal Fire Inspector for this area) before I submit it as well.

Sincerely,



Reid Cody
RPF California Timberlands Division
P.O. BOX 245, Orick, CA 95555
(707) 668-3762 (o) / (916) 879-5517 (m)
Reid.Cody@greendiamond.com / www.greendiamond.com

Cody, Reid

From: Gallagher, Sara@DOC <Sara.Gallagher@conservation.ca.gov>
Sent: Friday, December 17, 2021 2:17 PM
To: Cody, Reid
Cc: Oswald, John@DOC; Simpson, Nicholas@wildlife
Subject: RE: Amended Road Point #3 for 1-18-103-HUM THP

Hi Reid,

CGS concurs that this amendment can be processed as a minor amendment.

-Sara



Sara Gallagher, PG

Engineering Geologist
California Geological Survey
Forest and Watershed Geology Program

California Department of Conservation

2120 Campton Road, Suite E, Eureka CA 95503
Cell: (707) 320-7066

sara.gallagher@conservation.ca.gov



From: Simpson, Nicholas@wildlife <Nicholas.Simpson@wildlife.ca.gov>
Sent: Friday, December 17, 2021 12:30 PM
To: Cody, Reid <Reid.Cody@greendiamond.com>
Cc: Oswald, John@DOC <John.Oswald@conservation.ca.gov>
Subject: Re: Amended Road Point #3 for 1-18-103-HUM THP

Reid,
CDFW concurs with this amendment being proposed as minor.
Have a good weekend,
Nick

Sent from my iPhone

On Dec 17, 2021, at 12:26 PM, Cody, Reid <Reid.Cody@greendiamond.com> wrote:

WARNING: This message is from an external source. Verify the sender and exercise caution when clicking links or opening attachments.

Good afternoon,

2022 Annual Work Plan: Water Drafting Sites



| | | | | | | | |
|--------------------------------|------------------------|-------------|--|---|--------------------|-------|-------------|
| Drafting Site Name | 5000/Dry Cr. Tank | | | Drafting Type | Tank | | |
| Watercourse Classification | 2 | | | Calwater Watershed | Lower Cannon Creek | | 1109.300602 |
| Hydrologic Planning Area (HPA) | Mad River | | | Legal Description | 05.0N | 02.0E | 17 |
| Road Name | 5000 | | | Drafting Timing | Summer Period | | |
| Road Class | Permanent | | | Wildlife Restrictions | None | | |
| UTM | N : 418068 | E : 4518654 | | Road Use Restrictions | None | | |
| Project Type | Class II | | | Site Type Description : 5200 gallon plastic tank with upgraded intake valve. This tank draws from a smaller Class II watercourse adjacent to Dry Creek. The outlet drains out onto rock near the inlet of the crossing culvert. | | | |
| Preconsultation Completed? | YES | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Drafting Site Name | 7010 Tank | | | Drafting Type | Tank | | |
| Watercourse Classification | 2 | | | Calwater Watershed | Dry Creek | | 1109.300601 |
| Hydrologic Planning Area (HPA) | Mad River | | | Legal Description | 05.0N | 02.0E | 21 |
| Road Name | 7010 | | | Drafting Timing | Summer Period | | |
| Road Class | Permanent | | | Wildlife Restrictions | None | | |
| UTM | N : 419454 | E : 4517166 | | Road Use Restrictions | None | | |
| Project Type | Class II | | | Site Type Description : 5200 gallon plastic tank draws from a Class II watercourse above the 7010. The outflow goes into a small pond. The valve has been upgraded. | | | |
| Preconsultation Completed? | YES | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Drafting Site Name | A400 Bridge Draft Site | | | Drafting Type | Tank | | |
| Watercourse Classification | 1 | | | Calwater Watershed | Ah Pah Creek | | 1801.020909 |
| Hydrologic Planning Area (HPA) | Coastal Klamath | | | Legal Description | 11.0N | 02.0E | 16 |
| Road Name | CL-South | | | Drafting Timing | Summer Period | | |
| Road Class | Permanent | | | Wildlife Restrictions | None | | |
| UTM | N : 420144 | E : 4576515 | | Road Use Restrictions | None | | |
| Project Type | Class II | | | Site Type Description : 10,000 gallon steel tank. | | | |
| Preconsultation Completed? | YES | | | | | | |
| | | | | | | | |
| | | | | | | | |

2022 Annual Work Plan: Water Drafting Sites



| | | | | | | | | | |
|--------------------------------|--|-------------------|-------------|--|--|--|---------------|-------|-------------|
| Drafting Site Name | | BL2000 Pond North | | | Drafting Type | | Pond | | |
| Watercourse Classification | | 2 | | | Calwater Watershed | | Maple Creek | | 1108.100003 |
| Hydrologic Planning Area (HPA) | | Coastal Lagoons | | | Legal Description | | 08.0N | 02.0E | 08 |
| Road Name | | BL2000 | | | Drafting Timing | | Summer Period | | |
| Road Class | | Permanent | | | Wildlife Restrictions | | None | | |
| UTM | | N : 417772 | E : 4549973 | | Road Use Restrictions | | None | | |
| Project Type | | Class II | | | Site Type Description : Class II pond surface drafting site. | | | | |
| Preconsultation Completed? | | YES | | | | | | | |
| | | | | | | | | | |
| Drafting Site Name | | BL2000 South Pond | | | Drafting Type | | Tank | | |
| Watercourse Classification | | 2 | | | Calwater Watershed | | Maple Creek | | 1108.100003 |
| Hydrologic Planning Area (HPA) | | Coastal Lagoons | | | Legal Description | | 08.0N | 02.0E | 17 |
| Road Name | | BL2000 | | | Drafting Timing | | Summer Period | | |
| Road Class | | Permanent | | | Wildlife Restrictions | | None | | |
| UTM | | N : 418975 | E : 4547838 | | Road Use Restrictions | | None | | |
| Project Type | | Class II | | | Site Type Description : Class II pond is approximately 50'x20' with a max depth of around 9'. The pond has a depth monitoring T-post installed. | | | | |
| Preconsultation Completed? | | YES | | | | | | | |
| | | | | | | | | | |
| Drafting Site Name | | BL2000 Tank | | | Drafting Type | | Tank | | |
| Watercourse Classification | | 2 | | | Calwater Watershed | | Pitcher Creek | | 1108.100001 |
| Hydrologic Planning Area (HPA) | | Coastal Lagoons | | | Legal Description | | 09.0N | 01.0E | 27 |
| Road Name | | BL2000 | | | Drafting Timing | | Summer Period | | |
| Road Class | | Permanent | | | Wildlife Restrictions | | None | | |
| UTM | | N : 412439 | E : 4553720 | | Road Use Restrictions | | None | | |
| Project Type | | Class II | | | Site Type Description : Tankcar tank all sealed up adjacent to bridge. Site drafts from a Class II watercourse with a fairly low gradient. At the intake, the channel is approximately 6'x2'. This site has an upgraded check valve on the intake. | | | | |
| Preconsultation Completed? | | YES | | | | | | | |
| | | | | | | | | | |

2022 Annual Work Plan : Water Drafting Sites

| | | |
|---------------------------------------|-------------------|--------------------|
| Drafting Site Name | BL2641 Pond | |
| Watercourse Classification | 2 | |
| Hydrologic Planning Area (HPA) | Coastal Lagoons | |
| Road Name | BL2641 | |
| Road Class | Permanent | |
| UTM | N : 412255 | E : 4550590 |
| Project Type | Class II | |
| Preconsultation Completed? | YES | |
| | | |

| | | | |
|--|---------------|-------|-------------|
| Drafting Type | Pond | | |
| Calwater Watershed | Maple Creek | | 1108.100003 |
| Legal Description | 08.0N | 02.0E | 17 |
| Drafting Timing | Summer Period | | |
| Wildlife Restrictions | None | | |
| Road Use Restrictions | None | | |
| Site Type Description : Class II pond is approximately 100'x100' with a depth that could not be measured. The pond will have a monitoring T-post installed after a reasonable depth can be determined. | | | |

2022 Annual Work Plan: Water Drafting Sites



| | | | | | | | | | |
|--------------------------------|--|-----------------------|-------------|---|---|---------------|---------------|-------------|-------------|
| Drafting Site Name | | Blue Slide Draft Site | | | Drafting Type | | Stream | | |
| Watercourse Classification | | 1 | | | Calwater Watershed | | Barry Ridge | | 1109.300405 |
| Hydrologic Planning Area (HPA) | | Mad River | | | Legal Description | | 04.0N | 03.0E | 18 |
| Road Name | | Blue Slide Camp Road | | | Drafting Timing | | Summer Period | | |
| Road Class | | Seasonal | | | Wildlife Restrictions | | None | | |
| UTM | | N : 425658 | E : 4509483 | | Road Use Restrictions | | None | | |
| Project Type | | Class I | | | Site Type Description : Surface drafting site on Class I Mad River. | | | | |
| Preconsultation Completed? | | YES | | | | | | | |
| | | | | | | | | | |
| Drafting Site Name | | C900 Tank | | | | Drafting Type | | Tank | |
| Watercourse Classification | | 2 | | Calwater Watershed | | Lupton Creek | | 1107.200102 | |
| Hydrologic Planning Area (HPA) | | Redwood Creek | | Legal Description | | 06.0N | 03.0E | 20 | |
| Road Name | | C900 | | Drafting Timing | | Summer Period | | | |
| Road Class | | Seasonal | | Wildlife Restrictions | | None | | | |
| UTM | | N : 427643 | E : 4526392 | Road Use Restrictions | | None | | | |
| Project Type | | Class II | | Site Type Description : 5200 gallon plastic water tank on a Class II watercourse. This site has the upgraded check valve on the intake line. While the approaches of the crossing are rocked, the roads accessing this site are season roads. This site was amended onto and installed under a 1600 for GDRC# 270805 (1-08-042). 1600 is good until 06-05-2014. | | | | | |
| Preconsultation Completed? | | YES | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Drafting Site Name | | Chaparrall Tank | | | Drafting Type | | Tank | | |
| Watercourse Classification | | 2 | | | Calwater Watershed | | Boulder Creek | | 1109.300503 |
| Hydrologic Planning Area (HPA) | | Mad River | | | Legal Description | | 04.0N | 03.0E | 24 |
| Road Name | | BLDR4000 | | | Drafting Timing | | Summer Period | | |
| Road Class | | Seasonal | | | Wildlife Restrictions | | None | | |
| UTM | | N : 434084 | E : 4507103 | | Road Use Restrictions | | None | | |
| Project Type | | Class II | | | Site Type Description : New drafting tank installed this year under GDRCO# 171005 -024. | | | | |
| Preconsultation Completed? | | YES | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

2022 Annual Work Plan: Water Drafting Sites



| | | | | | | | | | |
|--------------------------------|--|-----------------|-------------|--|--|---------------|----------------|-------------|-------------|
| Drafting Site Name | | CL South Pond | | | Drafting Type | | Pond | | |
| Watercourse Classification | | 2 | | | Calwater Watershed | | Ah Pah Creek | | 1105.110702 |
| Hydrologic Planning Area (HPA) | | Coastal Klamath | | | Legal Description | | 12.0N | 02.0E | 31 |
| Road Name | | CL South | | | Drafting Timing | | Summer Period | | |
| Road Class | | Permanent | | | Wildlife Restrictions | | None | | |
| UTM | | N : 417470 | E : 4581396 | | Road Use Restrictions | | None | | |
| Project Type | | Class II | | | Site Type Description : Class II pond above road runs down to road through PVC pipe to a truck hose. | | | | |
| Preconsultation Completed? | | YES | | | | | | | |
| | | | | | | | | | |
| Drafting Site Name | | CL South Tank | | | | Drafting Type | | Tank | |
| Watercourse Classification | | 2 | | Calwater Watershed | | Surpur Creek | | 1105.110704 | |
| Hydrologic Planning Area (HPA) | | Coastal Klamath | | Legal Description | | 11.0N | 02.0E | 09 | |
| Road Name | | CL South | | Drafting Timing | | Summer Period | | | |
| Road Class | | Permanent | | Wildlife Restrictions | | None | | | |
| UTM | | N : 419791 | E : 4579004 | Road Use Restrictions | | None | | | |
| Project Type | | Class II | | Site Type Description : Small steel tank with new valve. Meets all requirements. | | | | | |
| Preconsultation Completed? | | YES | | | | | | | |
| | | | | | | | | | |
| Drafting Site Name | | CR1000 Pond | | | | Drafting Type | | Pond | |
| Watercourse Classification | | 2 | | | Calwater Watershed | | McDonald Creek | | 1108.100002 |
| Hydrologic Planning Area (HPA) | | Coastal Lagoons | | | Legal Description | | 08.0N | 01.0E | 29 |
| Road Name | | CR1000 | | | Drafting Timing | | Summer Period | | |
| Road Class | | Permanent | | | Wildlife Restrictions | | None | | |
| UTM | | N : 408819 | E : 4545259 | | Road Use Restrictions | | None | | |
| Project Type | | Class II | | | Site Type Description : Class II pond used for surface drafting in the past. Stake installed. | | | | |
| Preconsultation Completed? | | YES | | | | | | | |
| | | | | | | | | | |

2022 Annual Work Plan: Water Drafting Sites



RESOURCE COMPLIANT

| | | | | | | | |
|--------------------------------|------------------------|-------------|--|---|------------------|-------------|----|
| Drafting Site Name | CR2000/2400 Pond | | | Drafting Type | Pond | | |
| Watercourse Classification | 2 | | | Calwater Watershed | Lower South Fork | 1108.200001 | |
| Hydrologic Planning Area (HPA) | Little River | | | Legal Description | 08.0N | 01.0E | 26 |
| Road Name | CR2000 | | | Drafting Timing | Summer Period | | |
| Road Class | Permanent | | | Wildlife Restrictions | None | | |
| UTM | N : 413938 | E : 4545030 | | Road Use Restrictions | None | | |
| Project Type | Class II | | | Site Type Description : Class II pond at the CR2000 CR2400 junction used annually for surface drafting. T-post installed near overflow culvert. | | | |
| Preconsultation Completed? | YES | | | | | | |
| | | | | | | | |
| Drafting Site Name | CR2000/3000 Draft Site | | | | Drafting Type | Stream | |
| Watercourse Classification | 1 | | Calwater Watershed | | Lower South Fork | 1108.200001 | |
| Hydrologic Planning Area (HPA) | Little River | | Legal Description | | 07.0N | 01.0E | 03 |
| Road Name | CR2000 spur | | Drafting Timing | | Summer Period | | |
| Road Class | Permanent | | Wildlife Restrictions | | None | | |
| UTM | N : 411653 | E : 4542389 | Road Use Restrictions | | None | | |
| Project Type | Class I | | Site Type Description : Surface drafting from Little River. This site is just below a small island that separates flows. Channel dimensions are ~16'x4' during the summer. | | | | |
| Preconsultation Completed? | YES | | | | | | |
| | | | | | | | |
| Drafting Site Name | CR2900 Tank | | | | Drafting Type | Tank | |
| Watercourse Classification | 2 | | | Calwater Watershed | Panther Creek | 1107.200403 | |
| Hydrologic Planning Area (HPA) | Redwood Creek | | | Legal Description | 08.0N | 02.0E | 22 |
| Road Name | CR2900 | | | Drafting Timing | Summer Period | | |
| Road Class | Permanent | | | Wildlife Restrictions | None | | |
| UTM | N : 421192 | E : 4546990 | | Road Use Restrictions | None | | |
| Project Type | Class II | | | Site Type Description : 5200 gallon plastic tank on a Class II tributary of Redwood Creek. | | | |
| Preconsultation Completed? | YES | | | | | | |
| | | | | | | | |

2022 Annual Work Plan: Water Drafting Sites



| | | | | | | | | | |
|--------------------------------|--|---------------------------|-------------|--|--|--|-----------------------|-------|-------------|
| Drafting Site Name | | CR3000 Tank | | | Drafting Type | | Tank | | |
| Watercourse Classification | | 2 | | | Calwater Watershed | | Lower South Fork | | 1108.200001 |
| Hydrologic Planning Area (HPA) | | Little River | | | Legal Description | | 08.0N | 01.0E | 35 |
| Road Name | | CR3000 | | | Drafting Timing | | Summer Period | | |
| Road Class | | Permanent | | | Wildlife Restrictions | | None | | |
| UTM | | N : 412755 | E : 4542458 | | Road Use Restrictions | | None | | |
| Project Type | | Class II | | | Site Type Description : Old double walled railroad tank car on Class II tributary to Little River. Site has upgraded valve and remained at sufficient flows throughout 2011. | | | | |
| Preconsultation Completed? | | YES | | | | | | | |
| | | | | | | | | | |
| Drafting Site Name | | D1110/Ritmer Cr. Tank | | | Drafting Type | | Tank | | |
| Watercourse Classification | | 2 | | | Calwater Watershed | | Dominie Creek | | 1103.110004 |
| Hydrologic Planning Area (HPA) | | Smith River | | | Legal Description | | 18.0N | 01.0W | 14 |
| Road Name | | D1110 | | | Drafting Timing | | Summer Period | | |
| Road Class | | Seasonal | | | Wildlife Restrictions | | None | | |
| UTM | | N : 404482 | E : 4644794 | | Road Use Restrictions | | None | | |
| Project Type | | Class II | | | Site Type Description : Old diesel fuel tank now used for drafting from Class II Ritmer Creek. Site was covered under a pre-existing permit through 2011 but will now be under the MATO. | | | | |
| Preconsultation Completed? | | YES | | | | | | | |
| | | | | | | | | | |
| Drafting Site Name | | Daugherty Lake Draft Site | | | Drafting Type | | Pond | | |
| Watercourse Classification | | 1 | | | Calwater Watershed | | Goodman Prairie Creek | | 1109.300404 |
| Hydrologic Planning Area (HPA) | | Mad River | | | Legal Description | | 04.0N | 03.0E | 27 |
| Road Name | | Daugherty Lake | | | Drafting Timing | | Summer Period | | |
| Road Class | | Seasonal | | | Wildlife Restrictions | | None | | |
| UTM | | N : 429623 | E : 4505937 | | Road Use Restrictions | | None | | |
| Project Type | | Class I | | | Site Type Description : Surface drafting site on Daugherty Lake. | | | | |
| Preconsultation Completed? | | YES | | | | | | | |
| | | | | | | | | | |

2022 Annual Work Plan: Water Drafting Sites



| | | | | | | | |
|--------------------------------|-------------------------|-------------|--|---|---------------|-------|-------------|
| Drafting Site Name | Fernwood Tank | | | Drafting Type | Tank | | |
| Watercourse Classification | 2 | | | Calwater Watershed | Noisy Creek | | 1107.300201 |
| Hydrologic Planning Area (HPA) | Redwood Creek | | | Legal Description | 06.0N | 03.0E | 34 |
| Road Name | Fernwood | | | Drafting Timing | Summer Period | | |
| Road Class | Seasonal | | | Wildlife Restrictions | None | | |
| UTM | N : 429793 | E : 4523559 | | Road Use Restrictions | None | | |
| Project Type | Class II | | | Site Type Description : 5200 gallon plastic tank on a Class II watercourse. This site has very strong flows. Throughout the entire 2010 season, this site did not require adjustments to the diversion rates as the intake was not capable of pulling more that 25% of the sourceflow. This site is covered under a pre-existing 1600 for GDRCo THP# 270804 which allows for 50% of source flow and a minimum | | | |
| Preconsultation Completed? | YES | | | | | | |
| | | | | | | | |
| Drafting Site Name | Graham Creek lower tank | | | Drafting Type | Tank | | |
| Watercourse Classification | 2 | | | Calwater Watershed | | | |
| Hydrologic Planning Area (HPA) | | | | Legal Description | | | |
| Road Name | Anderson Loop Rd | | | Drafting Timing | | | |
| Road Class | Seasonal | | | Wildlife Restrictions | | | |
| UTM | N : 430993 | E : 4504517 | | Road Use Restrictions | | | |
| Project Type | Class II | | | Site Type Description : New drafting tank to be installed on Class II Graham Creek. | | | |
| Preconsultation Completed? | YES | | | | | | |
| Fees Paid From Previous AWP | | | | | | | |
| Drafting Site Name | Graham Creek upper tank | | | Drafting Type | Tank | | |
| Watercourse Classification | 2 | | | Calwater Watershed | | | |
| Hydrologic Planning Area (HPA) | | | | Legal Description | | | |
| Road Name | Millers Road | | | Drafting Timing | | | |
| Road Class | Seasonal | | | Wildlife Restrictions | | | |
| UTM | N : 433206 | E : 4504988 | | Road Use Restrictions | | | |
| Project Type | Class II | | | Site Type Description : New drafting tank to be installed on Class II Graham Creek. | | | |
| Preconsultation Completed? | YES | | | | | | |
| | | | | | | | |

2022 Annual Work Plan: Water Drafting Sites



| | | |
|---------------------------------------|------------------------|-------------|
| Drafting Site Name | H10/Pig Cr. Draft Site | |
| Watercourse Classification | 1 | |
| Hydrologic Planning Area (HPA) | Coastal Klamath | |
| Road Name | H10 | |
| Road Class | Permanent | |
| UTM | N : 413917 | E : 4607469 |
| Project Type | Class I | |
| Preconsultation Completed? | YES | |
| | | |

| | | |
|---------------------------------------|------------------------|-------------|
| Drafting Site Name | H100 Bridge Draft Site | |
| Watercourse Classification | 1 | |
| Hydrologic Planning Area (HPA) | Coastal Klamath | |
| Road Name | H100 | |
| Road Class | Seasonal | |
| UTM | N : 413760 | E : 4605141 |
| Project Type | Class I | |
| Preconsultation Completed? | YES | |
| | | |

| | | |
|---------------------------------------|-----------------|-------------|
| Drafting Site Name | H300 Pond | |
| Watercourse Classification | 2 | |
| Hydrologic Planning Area (HPA) | Coastal Klamath | |
| Road Name | H300 | |
| Road Class | Permanent | |
| UTM | N : 411896 | E : 4610510 |
| Project Type | Class II | |
| Preconsultation Completed? | YES | |
| | | |

| | | | |
|--|------------------------------|-------|-------------|
| Drafting Type | Stream | | |
| Calwater Watershed | Upper West Fork Hunter Creek | | 1105.110802 |
| Legal Description | 14.0N | 01.0E | 11 |
| Drafting Timing | Summer Period | | |
| Wildlife Restrictions | None | | |
| Road Use Restrictions | None | | |
| Site Type Description : Class I surface drafting site on Hunter Creek. Access road may require further development prior to use. | | | |

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|--|------------------------------|-------------|----|
| Drafting Type | Stream | | |
| Calwater Watershed | Lower West Fork Hunter Creek | 1105.110803 | |
| Legal Description | 14.0N | 01.0E | 23 |
| Drafting Timing | Summer Period | | |
| Wildlife Restrictions | None | | |
| Road Use Restrictions | None | | |
| Site Type Description : Surface drafting site on Hunter Creek. | | | |

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|--|------------------------------|-------|-------------|
| Drafting Type | Pond | | |
| Calwater Watershed | Upper West Fork Hunter Creek | | 1105.110802 |
| Legal Description | 15.0N | 01.0E | 34 |
| Drafting Timing | Summer Period | | |
| Wildlife Restrictions | None | | |
| Road Use Restrictions | None | | |
| Site Type Description : Existing pond on Class II watercourse drains through the road prism of the H300 by way of a 36" culvert. This site is a new site in GDRCo THP# 711001 and is intended to be a surface drafting site. | | | |

2022 Annual Work Plan: Water Drafting Sites



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|---------------------------------------|------------------------|---|-------------------------------------|
| Drafting Site Name | J80 Pond | Drafting Type | Pond |
| Watercourse Classification | 4 | Calwater Watershed | Upper Roach Creek 1105.110306 |
| Hydrologic Planning Area (HPA) | Interior Klamath | Legal Description | 10.0N 02.0E 33 |
| Road Name | J80 | Drafting Timing | Summer Period |
| Road Class | Permanent | Wildlife Restrictions | None |
| UTM | N : 420050 E : 4563609 | Road Use Restrictions | None |
| Project Type | Class III | Site Type Description : Class II Spring-fed pond does not connect to a higher order watercourse. | |
| Preconsultation Completed? | YES | | |
| | | | |
| Drafting Site Name | K&K 900 Tank | Drafting Type | Tank |
| Watercourse Classification | 2 | Calwater Watershed | Panther Creek 1107.200403 |
| Hydrologic Planning Area (HPA) | Redwood Creek | Legal Description | 08.0N 02.0E 25 |
| Road Name | K&K | Drafting Timing | Summer Period |
| Road Class | Permanent | Wildlife Restrictions | None |
| UTM | N : 424861 E : 4545643 | Road Use Restrictions | None |
| Project Type | Class II | Site Type Description : 10,000 gallon plastic tank fed from a Class II watercourse. This site has a small pull through road installed in the crossing for water-trucks. The intake is just below a confluence. This is a very difficult location to obtain source flow due to channel separation and very course channel material. It is certain that any source flow measurements will be drastically undervalued. This site is covered under a pre-existing 1600 as part of GDRCo THP# 480801. This site was accidentally included in the 2011 AWP 1600. | |
| Preconsultation Completed? | YES | | |
| | | | |
| Drafting Site Name | K&K LR Tank | Drafting Type | Tank |
| Watercourse Classification | 2 | Calwater Watershed | Headwaters Little River 1108.200003 |
| Hydrologic Planning Area (HPA) | Little River | Legal Description | 07.0N 02.0E 14 |
| Road Name | K&K | Drafting Timing | Summer Period |
| Road Class | Permanent | Wildlife Restrictions | None |
| UTM | N : 422597 E : 4538607 | Road Use Restrictions | None |
| Project Type | Class II | Site Type Description : Large steel tank down on loop road. The 2" intake is sourced just below a small waterfall. There is a hinged steel plate covering the access hole. Several holes in top of tank. There are two 2" threaded female holes, one 4" threaded female hole, and two torch cut holes near the ladder which are marginally fisher sized. The two 2" holes and the 4" hole were all fitted with threaded end caps. The torch cut hole was covered with flash and PAT fasteners. | |
| Preconsultation Completed? | YES | | |
| | | | |

2022 Annual Work Plan: Water Drafting Sites



Resource Company

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|--------------------------------|-----------------------|-------------|--|---|---------------|-------------|----|
| Drafting Site Name | K&K/Mule Cr. Pond | | | Drafting Type | Pond | | |
| Watercourse Classification | 1 | | | Calwater Watershed | Denman Creek | 1109.200001 | |
| Hydrologic Planning Area (HPA) | North Fork Mad River | | | Legal Description | 06.0N | 02.0E | 03 |
| Road Name | K&K | | | Drafting Timing | Summer Period | | |
| Road Class | Seasonal | | | Wildlife Restrictions | None | | |
| UTM | N : 421311 | E : 4532297 | | Road Use Restrictions | None | | |
| Project Type | Class I | | | Site Type Description : Pond too deep for stake. Surface drafting site from pond. Access road down to drafting site from K&K is seasonal. | | | |
| Preconsultation Completed? | YES | | | | | | |
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| | | | | | | | |
| Drafting Site Name | K&K/NF1000 Draft Site | | | Drafting Type | Stream | | |
| Watercourse Classification | 1 | | | Calwater Watershed | Canyon Creek | 1109.200005 | |
| Hydrologic Planning Area (HPA) | North Fork Mad River | | | Legal Description | 07.0N | 02.0E | 28 |
| Road Name | K&K | | | Drafting Timing | Summer Period | | |
| Road Class | Permanent | | | Wildlife Restrictions | None | | |
| UTM | N : 420167 | E : 4535004 | | Road Use Restrictions | None | | |
| Project Type | Class I | | | Site Type Description : Surface drafting from Class I North Fork Mad River just below the NF1000 bridge. | | | |
| Preconsultation Completed? | YES | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Drafting Site Name | Mad River Hatchery | | | Drafting Type | Stream | | |
| Watercourse Classification | 1 | | | Calwater Watershed | Powers Creek | 1109.100104 | |
| Hydrologic Planning Area (HPA) | Mad River | | | Legal Description | 06.0N | 02.0E | 31 |
| Road Name | Hatchery Road | | | Drafting Timing | Summer Period | | |
| Road Class | Seasonal | | | Wildlife Restrictions | None | | |
| UTM | N : 416860 | E : 4523693 | | Road Use Restrictions | None | | |
| Project Type | Class I | | | Site Type Description : Surface drafting site on Class I Mad River just below the hatchery. | | | |
| Preconsultation Completed? | YES | | | | | | |
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2022 Annual Work Plan: Water Drafting Sites



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|---------------------------------------|-------------------|--------------------|
| Drafting Site Name | Klamath Mill Pond | |
| Watercourse Classification | 2 | |
| Hydrologic Planning Area (HPA) | Coastal Klamath | |
| Road Name | T-10.025R | |
| Road Class | Permanent | |
| UTM | N : 414485 | E : 4597766 |
| Project Type | Class II | |
| Preconsultation Completed? | YES | |
| | | |

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|--|---------------|---------|------------|
| Drafting Type | Pond | | |
| Calwater Watershed | Hoppaw Creek | | 1105.11804 |
| Legal Description | T13N, R1E | Sec. 11 | HBM |
| Drafting Timing | Summer Period | | |
| Wildlife Restrictions | None | | |
| Road Use Restrictions | Permanent | | |
| Site Type Description : Class II surface draft site. Pond is approx. 3 acres in size and an average maximum depth of 8 feet. This pond has is not hydrologically connected to any watercourse. | | | |

2022 Annual Work Plan: Water Drafting Sites



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|---------------------------------------|--------------------|--------------------|
| Drafting Site Name | Miller's Road Tank | |
| Watercourse Classification | 2 | |
| Hydrologic Planning Area (HPA) | Mad River | |
| Road Name | 171003TA3 | |
| Road Class | Seasonal | |
| UTM | N : 430982 | E : 4506839 |
| Project Type | Class II | |
| Preconsultation Completed? | YES | |
| | | |

| | | |
|---------------------------------------|----------------------|--------------------|
| Drafting Site Name | Old-299 Tank | |
| Watercourse Classification | 2 | |
| Hydrologic Planning Area (HPA) | North Fork Mad River | |
| Road Name | Old 299 | |
| Road Class | Permanent | |
| UTM | N : 426613 | E : 4530149 |
| Project Type | Class II | |
| Preconsultation Completed? | YES | |
| | | |

| | | |
|---------------------------------------|-------------------|--------------------|
| Drafting Site Name | R120 Tank | |
| Watercourse Classification | 2 | |
| Hydrologic Planning Area (HPA) | Interior Klamath | |
| Road Name | R120 | |
| Road Class | Permanent | |
| UTM | N : 421133 | E : 4561557 |
| Project Type | Class II | |
| Preconsultation Completed? | YES | |
| | | |

| | | | |
|---|-----------------------|-------|-------------|
| Drafting Type | Tank | | |
| Calwater Watershed | Goodman Prairie Creek | | 1109.300404 |
| Legal Description | 04.0N | 03.0E | 23 |
| Drafting Timing | Summer Period | | |
| Wildlife Restrictions | None | | |
| Road Use Restrictions | None | | |
| Site Type Description : New tank installed under GDRCo THP# 171003. | | | |

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|---|--------------------|-------|-------------|
| Drafting Type | Tank | | |
| Calwater Watershed | Long Prairie Creek | | 1109.200002 |
| Legal Description | 06.0N | 03.0E | 08 |
| Drafting Timing | Summer Period | | |
| Wildlife Restrictions | None | | |
| Road Use Restrictions | None | | |
| Site Type Description : 10,000 gallon plastic water tank draws from a Class II watercourse along the Old 299. Very coarse bedload, channel debris, and channel separation make it difficult to obtain good sourceflow measurements. This site is covered under a previously existing 1600 permit (260801) and not under the MATO. | | | |

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|--|-------------------|-------|-------------|
| Drafting Type | Tank | | |
| Calwater Watershed | Upper Roach Creek | | 1105.110306 |
| Legal Description | 09.0N | 02.0E | 03 |
| Drafting Timing | Summer Period | | |
| Wildlife Restrictions | None | | |
| Road Use Restrictions | None | | |
| Site Type Description : This tank is the "Coors" tank (painted to look like a coors can). Tank drafts from Class II watercourse to right. This site does not yet have an upgraded valve. | | | |

2022 Annual Work Plan: Water Drafting Sites



Resource Company

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|--------------------------------|---------------------------|-------------|--|---|----------------|-------------|----|
| Drafting Site Name | Ribar Pond | | | Drafting Type | Pond | | |
| Watercourse Classification | 2 | | | Calwater Watershed | Squaw Creek | 1109.100105 | |
| Hydrologic Planning Area (HPA) | Mad River | | | Legal Description | 07.0N | 02.0E | 31 |
| Road Name | Ribar Road | | | Drafting Timing | Summer Period | | |
| Road Class | Seasonal | | | Wildlife Restrictions | None | | |
| UTM | N : 416847 | E : 4533528 | | Road Use Restrictions | None | | |
| Project Type | Class II | | | Site Type Description : A small Class II pond at the edge of Ribar Road located at a switchback intersection. Pond is full and drains though a culvert crossing. There is not yet a T-post installed. This site is covered under a pre-existing 1600 from GDRCo THP# 380802 pt 9. | | | |
| Preconsultation Completed? | YES | | | | | | |
| | | | | | | | |
| Drafting Site Name | Ribar Tank | | | | Drafting Type | Tank | |
| Watercourse Classification | 2 | | Calwater Watershed | | Squaw Creek | 1109.100105 | |
| Hydrologic Planning Area (HPA) | Mad River | | Legal Description | | 07.0N | 02.0E | 31 |
| Road Name | Ribar Road | | Drafting Timing | | Summer Period | | |
| Road Class | Seasonal | | Wildlife Restrictions | | None | | |
| UTM | N : 416490 | E : 4532800 | Road Use Restrictions | | None | | |
| Project Type | Class II | | Site Type Description : New 5200 gallon plastic water tank on a Class II watercourse. The intake is a long ways up the channel and will likely be capable a diverting a lot of water and thus require rate adjustments. This site is under a pre-existing 1600 associated with 380802 Pt: RP-08 1-09-049H. This site was accidentally included in the 2011 AWP 1600. | | | | |
| Preconsultation Completed? | YES | | | | | | |
| | | | | | | | |
| Drafting Site Name | Roddiscraft Pond (1 mile) | | | | Drafting Type | Pond | |
| Watercourse Classification | 2 | | | Calwater Watershed | Bradford Creek | 1107.300101 | |
| Hydrologic Planning Area (HPA) | Redwood Creek | | | Legal Description | 04.0N | 04.0E | 06 |
| Road Name | Roddiscraft Road | | | Drafting Timing | Summer Period | | |
| Road Class | Seasonal | | | Wildlife Restrictions | None | | |
| UTM | N : 434604 | E : 4512924 | | Road Use Restrictions | None | | |
| Project Type | Class II | | | Site Type Description : A small pond near the 1 mile marker. | | | |
| Preconsultation Completed? | YES | | | | | | |
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2022 Annual Work Plan: Water Drafting Sites



Resource Company

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|--------------------------------|-----------------------------|-------------|--|---|------------------|-------|-------------|
| Drafting Site Name | Roddiscraft Pond (2.8 mile) | | | Drafting Type | Pond | | |
| Watercourse Classification | 2 | | | Calwater Watershed | Twin Lakes Creek | | 1107.300103 |
| Hydrologic Planning Area (HPA) | Redwood Creek | | | Legal Description | 04.0N | 04.0E | 05 |
| Road Name | Roddiscraft Road | | | Drafting Timing | Summer Period | | |
| Road Class | Seasonal | | | Wildlife Restrictions | None | | |
| UTM | N : 437231 | E : 4511857 | | Road Use Restrictions | None | | |
| Project Type | Class II | | | Site Type Description : Small Class II pond adjacent to a Class II watercourse. | | | |
| Preconsultation Completed? | YES | | | | | | |
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| | | | | | | | |
| Drafting Site Name | Roddiscraft South Tank | | | Drafting Type | Tank | | |
| Watercourse Classification | 2 | | | Calwater Watershed | Twin Lakes Creek | | 1107.300103 |
| Hydrologic Planning Area (HPA) | Redwood Creek | | | Legal Description | 04.0N | 04.0E | 09 |
| Road Name | Roddiscraft | | | Drafting Timing | Summer Period | | |
| Road Class | Seasonal | | | Wildlife Restrictions | None | | |
| UTM | N : 437402 | E : 4510962 | | Road Use Restrictions | None | | |
| Project Type | Class II | | | Site Type Description : New drafting tank to be installed at recently replaced crossing site on a Class II watercourse. This tank is covered under a pre-existing 1600 permit for 01-08-056 which is permitted for a maximum of 50% diversion rate. This site was accidentally included in the 2011 AWP 1600. | | | |
| Preconsultation Completed? | YES | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Drafting Site Name | Roddiscraft Tank | | | Drafting Type | Tank | | |
| Watercourse Classification | 2 | | | Calwater Watershed | Bradford Creek | | 1107.300101 |
| Hydrologic Planning Area (HPA) | Redwood Creek | | | Legal Description | 04.0N | 04.0E | 05 |
| Road Name | Roddiscraft Road | | | Drafting Timing | Summer Period | | |
| Road Class | Seasonal | | | Wildlife Restrictions | None | | |
| UTM | N : 436354 | E : 4512602 | | Road Use Restrictions | None | | |
| Project Type | Class II | | | Site Type Description : This tank was installed on the 19th and is covered under a pre-existing 1600 permit for 01-08-056 which is permitted for a maximum of 50% diversion rate with a minimum flow cut-off of 0.0125 cfs. | | | |
| Preconsultation Completed? | YES | | | | | | |
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2022 Annual Work Plan: Water Drafting Sites



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|---------------------------------------|----------------------|--------------------|
| Drafting Site Name | Rowdy Cr. Draft Site | |
| Watercourse Classification | 1 | |
| Hydrologic Planning Area (HPA) | Smith River | |
| Road Name | R1000 | |
| Road Class | Permanent | |
| UTM | N : 408996 | E : 4643814 |
| Project Type | Class I | |
| Preconsultation Completed? | YES | |
| | | |

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|---------------------------------------|---------------------------|--------------------|
| Drafting Site Name | Snow Camp Lake Draft Site | |
| Watercourse Classification | 1 | |
| Hydrologic Planning Area (HPA) | Redwood Creek | |
| Road Name | SC2440 | |
| Road Class | Seasonal | |
| UTM | N : 435840 | E : 4511262 |
| Project Type | Class I | |
| Preconsultation Completed? | YES | |
| | | |

| | | |
|---------------------------------------|-------------------|--------------------|
| Drafting Site Name | T100 Bridge Tank | |
| Watercourse Classification | 2 | |
| Hydrologic Planning Area (HPA) | Coastal Klamath | |
| Road Name | T100 | |
| Road Class | Permanent | |
| UTM | N : 420496 | E : 4572210 |
| Project Type | Class II | |
| Preconsultation Completed? | YES | |
| | | |

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|---|-------------------|-------|-------------|
| Drafting Type | Stream | | |
| Calwater Watershed | Lower Rowdy Creek | | 1103.120001 |
| Legal Description | 18.0N | 01.0E | 19 |
| Drafting Timing | Summer Period | | |
| Wildlife Restrictions | None | | |
| Road Use Restrictions | None | | |
| Site Type Description : Surface drafting site on Class I Rowdy Creek. The channel at this location is approximately 50 feet wide. There is a small, rocked access road that leads down from the R1000 to the drafting site. | | | |

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|--|------------------|-------|-------------|
| Drafting Type | Pond | | |
| Calwater Watershed | Twin Lakes Creek | | 1107.300103 |
| Legal Description | 04.0N | 04.0E | 08 |
| Drafting Timing | Summer Period | | |
| Wildlife Restrictions | None | | |
| Road Use Restrictions | None | | |
| Site Type Description : Surface drafting site on the north side of Class I Snow Camp Lake. This site is covered under 180701 1-08-056H | | | |

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|--|--------------------|-------|-------------|
| Drafting Type | Tank | | |
| Calwater Watershed | Upper Tectah Creek | | 1105.110405 |
| Legal Description | 11.0N | 02.0E | 33 |
| Drafting Timing | Summer Period | | |
| Wildlife Restrictions | None | | |
| Road Use Restrictions | None | | |
| Site Type Description : Class II drafting tank on the left side of the channel. This site does not yet have an upgraded valve. | | | |

2022 Annual Work Plan: Water Drafting Sites



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|--------------------------------|--|-----------------------|-------------|--|---|---------------|-----------------------|-------|-------------|
| Drafting Site Name | | Vic's Lake Draft Site | | | Drafting Type | | Pond | | |
| Watercourse Classification | | 1 | | | Calwater Watershed | | Goodman Prairie Creek | | 1109.300404 |
| Hydrologic Planning Area (HPA) | | Mad River | | | Legal Description | | 04.0N | 03.0E | 15 |
| Road Name | | Millers Road | | | Drafting Timing | | Summer Period | | |
| Road Class | | Seasonal | | | Wildlife Restrictions | | None | | |
| UTM | | N : 429567 | E : 4509003 | | Road Use Restrictions | | None | | |
| Project Type | | Class I | | | Site Type Description : Surface drafting site on Class I Vic's Lake. | | | | |
| Preconsultation Completed? | | YES | | | | | | | |
| | | | | | | | | | |
| Drafting Site Name | | Wiregrass East Tank | | | | Drafting Type | | Tank | |
| Watercourse Classification | | 2 | | Calwater Watershed | | | | | |
| Hydrologic Planning Area (HPA) | | | | Legal Description | | | | | |
| Road Name | | WG700 | | Drafting Timing | | Summer Period | | | |
| Road Class | | Seasonal | | Wildlife Restrictions | | None | | | |
| UTM | | N : 426535 | E : 4538683 | Road Use Restrictions | | None | | | |
| Project Type | | Class II | | Site Type Description : Newer plastic 5200 gallon plastic tank adjacent to rusty railcar bridge and a good flowing watercourse. Tank is totally sealed off and currently empty. Gate valve on outlet is stuck shut. Valve has not yet been upgraded. | | | | | |
| Preconsultation Completed? | | YES | | | | | | | |
| | | | | | | | | | |
| Drafting Site Name | | Wiregrass Pond | | | | Drafting Type | | Pond | |
| Watercourse Classification | | 2 | | | Calwater Watershed | | Long Prairie Creek | | 1109.200002 |
| Hydrologic Planning Area (HPA) | | North Fork Mad River | | | Legal Description | | 07.0N | 03.0E | 32 |
| Road Name | | Wiregrass | | | Drafting Timing | | Summer Period | | |
| Road Class | | Seasonal | | | Wildlife Restrictions | | None | | |
| UTM | | N : 427124 | E : 4533743 | | Road Use Restrictions | | None | | |
| Project Type | | Class II | | | Site Type Description : A small Class II pond just below Wiregrass Road. The channel above the pond does not extend up to the road. | | | | |
| Preconsultation Completed? | | YES | | | | | | | |
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2022 Annual Work Plan: Water Drafting Sites



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|---------------------------------------|---------------------|--------------------|
| Drafting Site Name | Wiregrass West Tank | |
| Watercourse Classification | 2 | |
| Hydrologic Planning Area (HPA) | Redwood Creek | |
| Road Name | WG1030 | |
| Road Class | Seasonal | |
| UTM | N : 425138 | E : 4537468 |
| Project Type | Class II | |
| Preconsultation Completed? | YES | |
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| Drafting Type | Tank | | |
| Calwater Watershed | Toss-up Creek | | 1107.200302 |
| Legal Description | 07.0N | 02.0E | 24 |
| Drafting Timing | Summer Period | | |
| Wildlife Restrictions | None | | |
| Road Use Restrictions | None | | |
| Site Type Description : Water tank yet to be installed as part of GDRCo THP# 441101 on Class II watercourse. | | | |

Note: the following sites were disclosed under the 2016 Annual Work Plan.

2022 Annual Work Plan: Water Drafting Sites



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|--------------------------------|----------------------|-------------|--|--|-----------------|-------|-------------|
| Drafting Site Name | 4510/Mad River | | | Drafting Type | Stream | | |
| Watercourse Classification | 1 | | | Calwater Watershed | Dry Creek | | 1109.300601 |
| Hydrologic Planning Area (HPA) | Mad River | | | Legal Description | 05.0N | 02.0E | 14 |
| Road Name | 6100 | | | Drafting Timing | Summer Period | | |
| Road Class | Permanent | | | Wildlife Restrictions | None | | |
| UTM | N : 422492 | E : 4518249 | | Road Use Restrictions | None | | |
| Project Type | Class I | | | Site Type Description : Surface drafting site from Class I Mad River. This site was included in the 2014 Annual Work Plan but is proposed for revisions. In order to access the Mad River on the north side a temporary crossing shall be installed on Simpson Creek, a Class I watercourse. Fish exclusion will be performed prior to installation according to MATO and AHCP measures. | | | |
| Preconsultation Completed? | NO | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Drafting Site Name | Camp Bauer | | | Drafting Type | Stream | | |
| Watercourse Classification | 1 | | | Calwater Watershed | Lower Mad River | | 1801.010203 |
| Hydrologic Planning Area (HPA) | North Fork Mad River | | | Legal Description | 06.0N | 02.0E | 28 |
| Road Name | MR-3010 | | | Drafting Timing | Summer | | |
| Road Class | Permanent | | | Wildlife Restrictions | None | | |
| UTM | N : 420298 | E : 4525758 | | Road Use Restrictions | None | | |
| Project Type | Class I | | | Site Type Description : Surface drafting from the North Fork Mad River, a Class I watercourse. | | | |
| Preconsultation Completed? | NO | | | | | | |
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| | | | | | | | |
| Drafting Site Name | Canon Creek | | | Drafting Type | Stream | | |
| Watercourse Classification | 1 | | | Calwater Watershed | Lower Mad River | | 1801.010203 |
| Hydrologic Planning Area (HPA) | North Fork Mad River | | | Legal Description | 07.0N | 03.0E | 32 |
| Road Name | Mad River | | | Drafting Timing | Summer Period | | |
| Road Class | Permanent | | | Wildlife Restrictions | None | | |
| UTM | N : 422688 | E : 4520825 | | Road Use Restrictions | None | | |
| Project Type | Class I | | | Site Type Description : Surface drafting from Canon Creek, a Class I watercourse. The approaches to this site will need to be constructed and rocked prior to use. | | | |
| Preconsultation Completed? | NO | | | | | | |
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2022 Annual Work Plan: Water Drafting Sites



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|--------------------------------|-----------------------|-------------|--|---|-----------------|-------|-------------|
| Drafting Site Name | H-10/H-400 Draft Site | | | Drafting Type | Stream | | |
| Watercourse Classification | 1 | | | Calwater Watershed | Turwar Creek | | 1801.020911 |
| Hydrologic Planning Area (HPA) | Coastal Klamath | | | Legal Description | 14.0N | 01.0E | 02 |
| Road Name | H-10.93R | | | Drafting Timing | Summer Period | | |
| Road Class | Permanent | | | Wildlife Restrictions | None | | |
| UTM | N : 414797 | E : 4609603 | | Road Use Restrictions | None | | |
| Project Type | Class I | | | Site Type Description : Surface drafting from Hunter Creek, a Class I watercourse. Approaches are rocked and in stable condition. | | | |
| Preconsultation Completed? | NO | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Drafting Site Name | H-410 Tank | | | Drafting Type | Tank | | |
| Watercourse Classification | 2 | | | Calwater Watershed | Turwar Creek | | 1801.020911 |
| Hydrologic Planning Area (HPA) | Coastal Klamath | | | Legal Description | 14.0N | 01.0E | 02 |
| Road Name | H-410 | | | Drafting Timing | Summer Period | | |
| Road Class | Permanent | | | Wildlife Restrictions | None | | |
| UTM | N : 413708 | E : 4609786 | | Road Use Restrictions | None | | |
| Project Type | Class II | | | Site Type Description : 5,000 gallon plastic tank on an unnamed Class II watercourse. Tank will be installed in May of 2015. | | | |
| Preconsultation Completed? | NO | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Drafting Site Name | Korbel Mill | | | Drafting Type | Surface | | |
| Watercourse Classification | 1 | | | Calwater Watershed | Lower Mad River | | 1801.010203 |
| Hydrologic Planning Area (HPA) | North Fork Mad River | | | Legal Description | 06.0N | 02.0E | 06.0N |
| Road Name | Korbel Mill 14 | | | Drafting Timing | Summer Period | | |
| Road Class | Permanent | | | Wildlife Restrictions | None | | |
| UTM | N : 420221 | E : 4525533 | | Road Use Restrictions | None | | |
| Project Type | Class I | | | Site Type Description : Surface drafting from the North Fork Mad River, a Class I watercourse. Approaches are rocked and in stable condition. | | | |
| Preconsultation Completed? | NO | | | | | | |
| | | | | | | | |
| | | | | | | | |

2022 Annual Work Plan: Water Drafting Sites



| | | |
|---------------------------------------|---------------------|--------------------|
| Drafting Site Name | T-170 Surface Draft | |
| Watercourse Classification | 1 | |
| Hydrologic Planning Area (HPA) | Coastal Klamath | |
| Road Name | TT-170 | |
| Road Class | Permanent | |
| UTM | N : 419227 | E : 4568440 |
| Project Type | Class I | |
| Preconsultation Completed? | NO | |
| | | |

| | | | |
|---|---------------|-------|-------------|
| Drafting Type | Stream | | |
| Calwater Watershed | Ah Pah Creek | | 1801.020909 |
| Legal Description | 10.0N | 02.0E | 17 |
| Drafting Timing | Summer Period | | |
| Wildlife Restrictions | None | | |
| Road Use Restrictions | None | | |
| Site Type Description : Surface drafting from Tectah Creek, a Class I watercourse. Approaches are rocked and in stable condition. | | | |

2022 Annual Work Plan : Water Drafting Sites

| | | |
|---------------------------------------|------------------------------|--------------------|
| Drafting Site Name | Wiggins North Drafting Tanks | |
| Watercourse Classification | II | |
| Hydrologic Planning Area (HPA) | Mad River | |
| Road Name | SC-1660 | |
| Road Class | Seasonal | |
| UTM | N : 431855 | E : 4513718 |
| Project Type | Class II | |
| Preconsultation Completed? | NO | |
| | | |

| | | | |
|---|---------------|-------|-------------|
| Drafting Type | Tank | | |
| Calwater Watershed | Maple Creek | | 1109.300501 |
| Legal Description | 05.0N | 03.0E | 35 |
| Drafting Timing | Summer Period | | |
| Wildlife Restrictions | None | | |
| Road Use Restrictions | None | | |
| Site Type Description : Drafting via two 5,000 gallon plastic water tanks from the headwaters of Maple Creek, a Class II watercourse. | | | |

2022 Annual Work Plan : Water Drafting Sites

| | | |
|---------------------------------------|----------------------|--------------------|
| Drafting Site Name | Klamath Ah Pah Draft | |
| Watercourse Classification | I | |
| Hydrologic Planning Area (HPA) | Lower Klamath River | |
| Road Name | CL-1875 | |
| Road Class | Permanent | |
| UTM | N : 421808 | E : 4584495 |
| Project Type | Class I | |
| Preconsultation Completed? | NO | |
| | | |

| | | | |
|---|---------------|-------|-------------|
| Drafting Type | Direct Draft | | |
| Calwater Watershed | Ah Pah Creek | | 1105.110707 |
| Legal Description | 05.0N | 03.0E | 35 |
| Drafting Timing | Summer Period | | |
| Wildlife Restrictions | None | | |
| Road Use Restrictions | None | | |
| Site Type Description : Surface drafting from the Klamath River, a Class I watercourse. | | | |

2022 Annual Work Plan : Water Drafting Sites

| | | |
|---------------------------------------|----------------------|-------------|
| Drafting Site Name | Elk Creek Draft Site | |
| Watercourse Classification | 1 | |
| Hydrologic Planning Area (HPA) | Non-AHCP Area | |
| Road Name | MT-10 | |
| Road Class | Permanent | |
| UTM | N : 44 1918 | E : 4648048 |
| Project Type | Class I | |
| Preconsultation Completed? | YES | |
| | | |

| | | | |
|--|---------------|-------|-------------|
| Drafting Type | Direct | | |
| Calwater Watershed | Elk Creek | | 1102.200302 |
| Legal Description | 18.0N | 04.0E | 2 |
| Drafting Timing | Summer Period | | |
| Wildlife Restrictions | None | | |
| Road Use Restrictions | None | | |
| Site Type Description : Class I direct draft site at existing heavy equipment wet crossing (as permitted) on Elk Creek within the Moore Tract which is an area outside the AHCP plan area. | | | |