**ITEM # 24 – ROADS AND LANDINGS**

| **Road Construction and Reconstruction** |
| --- |
| 1. [[ ] ]Yes [[ ] ]No
 | Is there new Logging Road construction proposed? [ref. 14 CCR § 1034(o)]**If “Yes” select the classification and provide the approximate length of each and address per 14 CCR § 923.4 [943.4, 963.4]:**[ ] Permanent approximate length in feet: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[ ] Seasonal approximate length in feet: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[ ] Temporary approximate length in feet: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 1. [[ ] ]Yes [[ ] ]No
 | Is there existing Logging Road Reconstruction proposed? [ref. 14 CCR § 1034(o)]**If “Yes” select the classification and provide the approximate length of each and address per 14 CCR § 923.4 [943.4, 963.4]:**[ ] Permanent approximate length in feet: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[ ] Seasonal approximate length in feet: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[ ] Temporary approximate length in feet: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 1. [[ ] ]Yes [[ ] ]No
 | Will proposed Logging Road construction or Reconstruction be wider than single lane with turnouts?**If “Yes” address per 14 CCR §§ 923.2 [943, 963](c) & 923.2 [943.2, 963.2](d)(1)** |
| **d.** [[ ] ]Yes [[ ] ]No | Will proposed Logging Road construction or Reconstruction be located on: [ ] Unstable Areas? [ ] Connected Headwall Swales?**If “Yes” address per 14 CCR § 923.1 [943.1, 963.1](d).** |
| **e.** [[ ] ]Yes [[ ] ]No | Will proposed Logging Road construction or Reconstruction:[ ] Have grades greater than 20%?[ ] Have grades greater than 15% that extend greater than 500 continuous feet?**If “Yes” address per 14 CCR §§ 923.2 [943.2, 963.2](d)(2), & 923 [943, 963](c).****NOTE:** **per 14 CCR § 1034(x)(5)(A) new road construction and reconstruction segments exceeding 15% for 200 feet shall be mapped. Additionally, exceptions may be approved where there is no other feasible access for harvesting of timber or where use of a gradient greater than 20% will serve to reduce soil disturbance.** |
| **f.** [[ ] ]Yes [[ ] ]No | Except at the following locations [ref. 14 § CCR 923.1 [943.1, 963.1](b)-(c)] …* Existing Logging Road Watercourse crossings.
* Logging Road Watercourse crossings to be constructed or Reconstructed that are approved as part of the Fish and Game Code process (F&GC § 1600 et seq.).
* Logging Road Watercourse crossings of Class III Watercourses that are dry at the time of use.

Will proposed Logging Road construction or Reconstruction be located within any of the following (check all that apply):**NOTE: only for construction**[ ]  150 feet of a Class I Watercourse and Lake Transition Line (WLTL)? [ ] 100 feet of a class II WLTL on slopes greater than 30%? [ ] Class I, II, III, IV Watercourse or Lake?[ ]  A Watercourse and Lake Protection Zone (WLPZ)?[ ]  Marshes, Wet Meadows, or Other Wet Areas?**If “Yes” address per 14 CCR § 923 [943, 963](c).** |
| **g.** [[ ] ]Yes [[ ] ]No | Will proposed Logging Road construction or Reconstruction be located across 100 feet or more lineal distance on:[ ]  Slopes over 65%?[ ]  Slopes over 50% which are within 100 feet of the boundary of a WLPZ that drains toward the zoned watercourse or lake?**If “Yes” address per 14 CCR §§ 923.2 [943.2, 963.2](a)(7) & 923.4 [943.4, 963.4](n).** |
| **h.** [[ ] ]Yes [[ ] ]No | Will proposed Logging Road construction or Reconstruction be flagged or otherwise identify the location of operations?**If “No” address per 14 CCR § 923.3 [943.3, 963.3](c).** |

| **Road Abandonment and Deactivation** |
| --- |
| **i.** [[ ] ]Yes [[ ] ]No | Is there road Abandonment proposed? [ref. 14 CCR § 1034(o)]**If “Yes” select the classification and provide the approximate length of each and address per 14 CCR § 923.8 [943.8, 963.8]:**[ ]  Permanent approximate length in feet: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[ ]  Seasonal approximate length in feet: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[ ]  Temporary approximate length in feet: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **j.** [[ ] ]Yes [[ ] ]No | Is there road Deactivation proposed? **If “Yes” select the classification and provide the approximate length of each and address per 14 CCR § 923.8 [943.8, 963.8]:**[ ]  Permanent approximate length in feet: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[ ]  Seasonal approximate length in feet: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[ ]  Temporary approximate length in feet: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **k.** [[ ] ]Yes [[ ] ]No | Is there watercourse crossing Abandonment or Deactivation proposed? [ref. 14 CCR § 923.9 (p)(1-4)]**If “Yes” describe specific measures to prevent significant sediment discharge per 14 CCR § 923.8 [943.8, 963.8] and map per 14 CCR § 923.9 [943.9, 963.9](e). Additionally, provide the blockage design per 14 CCR § 923.8 [943.8, 963.8](d).** |

| **Landing Construction and Reconstruction** |
| --- |
| **l.** [[ ] ]Yes [[ ] ]No | Is there any new Landing construction or Reconstruction proposed?**If “Yes” address per 14 CCR §§ 923.4 & 923.6(a).** |
| **m.** [[ ] ]Yes [[ ] ]No | Will proposed Landing construction or Reconstruction exceed one half acre in size?**If “Yes” address per 14 CCR §§ 923 [943, 963](c) & 923.2 [943.2, 963.2](e)(2).****NOTE: per 14 CCR § 1034(x)(5)(D) if any landing exceeds ¼ acre in size or requires substantial excavation, the location shall be mapped.** |
| **n.** [[ ] ]Yes [[ ] ]No | Will proposed Landing construction or Reconstruction be located on:[ ] Unstable Areas? [ ] Connected Headwall Swales?**If “Yes” address per 14 CCR § 923.1 [943.1, 963.1](d).** |
| **o.** [[ ] ]Yes [[ ] ]No | Except at the following locations [ref. 14 § CCR 923.1 [943.1, 963.1](b)-(c)] …* Existing Logging Road Watercourse crossings.
* Logging Road Watercourse crossings to be constructed or Reconstructed that are approved as part of the Fish and Game Code process (F&GC § 1600 et seq.).
* Logging Road Watercourse crossings of Class III Watercourses that are dry at the time of use.

Will proposed Landing construction or Reconstruction be located within any of the following (check all that apply):**NOTE: only for construction**[ ]  150 feet of a Class I Watercourse and Lake Transition Line (WLTL)? [ ] 100 feet of a class II WLTL on slopes greater than 30%? [ ] Class I, II, III, IV Watercourse or Lake?[ ]  A Watercourse and Lake Protection Zone (WLPZ)?[ ]  Marshes, Wet Meadows, or Other Wet Areas?**If “Yes” address per 14 CCR § 923 [943, 963](c).** |
| **p.** [[ ] ]Yes [[ ] ]No | Will proposed Landing construction or Reconstruction be located across 100 feet or more lineal distance on:[ ]  Slopes over 65%?[ ]  Slopes over 50% which are within 100 feet of the boundary of a WLPZ that drains toward the zoned watercourse or lake?**If “Yes” address per 14 CCR §§ 923.2 [943.2, 963.2](a)(7) & 923.4 [943.4, 963.4](n).** |
| **q.** [[ ] ]Yes [[ ] ]No | Is any Landing Abandonment or Deactivation proposed?**If “Yes” describe specific measures to prevent significant sediment discharge per 14 CCR §§ 923.8 [943.8, 963.8] et seq. & 923.9 [943.9, 963.9](e) & (p).** |

| **Significant Erosion Site(s)** |
| --- |
| **r.** [[ ] ]Yes [[ ] ]No | Is there any significant erosion site(s)? [ref. 14 CCR §§ 923.1 [943.1, 963.1] (e)(1)-(5), & 923.9 [943.9, 963.9](a)] **If “Yes” select all that apply:** [ ] Existing [ ] Potential **If “Yes” select all that apply:** Associated within the logging area at?[ ] Logging road(s) [ ] Landing(s) [ ] Watercourse crossing(s)**NOTE: For each significant existing or potential erosion site, provide the following:*** **Description of current condition of the site.**
* **Identify which sites can be feasibly treated, and which sites cannot.**
* **Specify treatments for those sites that can be feasibly treated.**
* **Indicate logical order of treatment for those which have feasible treatment.**
* **Include in a map point table, and map which identifies the erosion site by mapped referenced identifier consistent with mapped locations.**
 |

| **NOTE: If any question listed above in Item# 24 is checked “Yes” Provide:*** **Operations Instructions to the LTO, per rule requirement(s) in SECTION II.**
* **Any required explanation and justification should be included in SECTION III.**
 |
| --- |

***TREATMENTS AND/OR MANAGEMENT MEASURES*:** If needed, provide additional details of site; and/or describe proposed treatment

\*NOTE: Write “NA” or “---“ if a box is not applicable to the map point.

| **Map Point (MP) Identifier** | **Site Description****(SD) (See Key)** | **Watercourse****Class (WC) or feature** | **EXISTING****Culvert Diameter Size (EC)** | **PROPOSED Culvert Diameter Size (PC)** | **Geologist used? Yes or No** | **1600? Yes or No** | **Potential Sediment Discharge (PSD) in cu. yds. (See Key)** | **Implementation Priority (IP)****(See Key)** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **MP**: | **SD**: | **WC**: | **EC**: | **PC**: | **Geo Used**? | **1600**? | **PSD**: | **IP**: |
|  | **Treatments/Management Measures**:  |
| **MP**: | **SD**: | **WC**: | **EC**: | **PC**: | **Geo Used**? | **1600**? | **PSD**: | **IP**: |
|  | **Treatments/Management Measures**:  |
| **MP**: | **SD**: | **WC**: | **EC**: | **PC**: | **Geo Used**? | **1600**? | **PSD**: | **IP**: |
|  | **Treatments/Management Measures**:  |
| **MP**: | **SD**: | **WC**: | **EC**: | **PC**: | **Geo Used**? | **1600**? | **PSD**: | **IP**: |
|  | **Treatments/Management Measures**:  |
| **MP**: | **SD**: | **WC**: | **EC**: | **PC**: | **Geo Used**? | **1600**? | **PSD**: | **IP**: |
|  | **Treatments/Management Measures**:  |
| **MP**: | **SD**: | **WC**: | **EC**: | **PC**: | **Geo Used**? | **1600**? | **PSD**: | **IP**: |
|  | **Treatments/Management Measures**:  |

 **Instructions for Filling Out Map Reference Table for Planned Work and Treatments**

The Map Reference/Work Order Table is designed to be used in Timber Harvesting Plans (THPs), Nonindustrial Timber Management Plans (NTMPs), and Notices of Timber Operations (NTOs). It has been designed to eliminate the need to repeatedly provide the same information separately for THPs/NTMPs, Erosion Control Plans, and 1600 applications. Instead, the table can be referenced under appropriate THP/NTMP item numbers, RWQCB Erosion Control Plans (ECP)’s, and/or 1600 permit applications included in the THP/NTMP.

All map points (e.g. unstable areas, exception and in lieu points, watercourse crossings, treatments sites, etc.) can be identified in the table. Acronyms from the “Map Key” (see below) can be utilized for the “Site Description” and “Implementation Priority” found on the table. It is suggested that you include the Map Key, Map Reference Table, and associated map together in Section II of the Plan.

To add additional rows in the Map Reference Table: copy the full row which is established for each map point (composed of two lines); and add to the bottom of your table.

If you are submitting an NTO, please update your Map Reference Table to reflect current information. If a map point has been addressed under a previous NTO, indicate that (e.g. “Addressed under previous NTO”) and include any additional maintenance information, if applicable, for that map point. If you add new map points to the NTO table, they must have been amended to the NTMP first, UNLESS they are maintenance points only.

**Map Point / Work Order Table Key**

|  |
| --- |
| **Site Description** |
| **OK** | Functional Site | **Crossing Types** |
| **CSDS** | Controllable Sediment Discharge Site | **B** | Bridge |
| **UA** | Unstable Area | **CR** | Crossing site |
| **O** | Other descriptions than below(describe under “Measures” on table) | **CRF** | Crossing failure |
|  |  | **CRP** | Crossing- existing permanent |
| **Road / Skid Trails** | **CRT** | Crossing- existing temporary |
| **CRN** | Critical dip needed | **C** | Culvert (also see below) |
| **CUTF** | Cutbank failure | **F** | Ford |
| **FF** | Fill failure | **HCR** | Humboldt crossing |
| **FP** | Fill perched | **LSB** | Log stringer bridge |
| **G** | Gully | **RRD** | Rocked Rolling Dip |
| **L** | Landing | **SCR** | Spitler crossing |
| **IDE** | inside ditch eroding |  |  |
| **RA** | Road abandonment | **Culvert Conditions** |
| **RC** | Road construction | **CAM** | Culvert attachments missing(e.g. trash racks, downspouts, etc.) |
| **RR** | Road Reconstruction | **CD** | Damaged inlet or outlet |
| **RD** | Rolling dip | **CDR** | Ditch relief needed |
| **SK** | Skid trail | **CF** | Failed / failing |
| **WB** | Waterbar | **CFB** | Fish barrier |
|  |  | **CFD** | French Drain |
| **WLPZ and Watercourses** | **CNA** | Culvert not aligned |
| **AP** | Alternative practice | **CNG** | Culvert not installed to grade |
| **FB** | Fish barrier | **CE** | Outlet erosion |
| **HE** | Habitat enhancement | **CS** | Outlet shotgunned |
| **IL** | In lieu practice | **CP** | Culvert plugged |
| **WD** | Water drafting | **CU** | Culver undersized |
| **WCD** | Watercourse diversion |  |  |
| **WDP** | Woody debris project |  |  |
|  | a |  |  |
| **Implementation Priority (IP)** |
| **HIGH** | Treatments applied in: 1st year after Harvest Document approval. |
| **MED** | Treatments applied concurrent with operations affecting site. |
| **LOW** | Treatments applied prior to Harvest Document completion. |
|  | aa |  |  |
| **Potential Sediment Discharge (PSD)** |
| If located in the Region of the North Coast Regional Water Quality Control Board, provide the following information in the associated table for each Controllable Sediment Discharge Source (CSDS) map point |
| * Potential Sediment Discharge (PSD) expressed in total cubic yards:
 |

**ITEM #25 ASP WATERSHEDS**

|  |  |
| --- | --- |
| **a**. [[ ] ]Yes [[ ] ]No[[ ] ]N/A | Will hauling on roads and landings be limited to those which are hydrologically disconnected from watercourses to the extent feasible, and exhibit a stable operating surface?**If “No” address the exception per 14 CCR § 923.6 [943.6,963.6](h)(3).** |
| **b**. [[ ] ]Yes [[ ] ]No | Is there any proposed logging road(s) or landing(s) construction or reconstruction locatedin ASP watersheds or immediately upstream and contiguous to, any watershed with listed anadromous salmonids?**If “Yes” address the following in SECTION III:*** **How the proposed operations will fit into the systematic layout pattern? [ref. 14 CCR § 923.1 [943.1. 963.1](g)(1)].**
* **What, if any, offsetting mitigation measures are needed to minimize potential adverse impacts to watersheds from the road system (including but not limited to, abandonment of logging road(s) and landing(s)? [ref. CCR § 923.1 [943.1. 963.1](g)(2)].**
* **Specific provisions for the protection of salmonid habitat for all logging road(s) construction on slopes, greater than 50% with access to a watercourse or lake. [ref. 14 CCR § 923.4 [943.4, 963.4](s)(1)].**
* **Specific erosion control measures for all permanent and seasonal roads with a grade of 15% or greater which extends 500 feet or more. [ref. 14 CCR § 923.5 [943.5, 963.5](q)(2)].**
 |