## SUMMARY OF VIOLATIONS

**UNLAWFUL DISCHARGE OF WASTE AND THREAT OF DISCHARGE TO TRIBUTARIES TO THE LOWER MATTOLE RIVER, HUMBOLDT COUNTY ASSESSOR PARCEL 104-192-009-000 (4001 CONKLIN CREEK ROAD, FERNDALE CA 95536), 107-012-004-000, AND 107-012-005-000 CONKLIN CREEK ROAD, HUMBOLDT COUNTY**

The following are specific violations seen during inspection of the Property specific to the Inspection Report. Violations are broken down by County Assessor's Parcel Number (APN), and furthermore by specific locations, called out as acronyms with further detail in the August 23 and 24 *Inspection Report*, under *Inspection Observations*.

**APN: 107-012-004-000**:

1. **Greenhouse (GH1)**

    a. The storage of petroleum (on the trailer at GH1) and its contact with the ground, in close proximity to surface waters, without proper containment measures represents a threat of waste discharge to McGinnis Creek.

    b. Sediment discharged to watercourses from gullying in the ditches around GH1, including Crossings (C1-C2) and the gullies (E1-E3) represents a waste discharge to McGinnis Creek.

2. **Point of Diversion (POD1)**

    a. The small impoundment constructed for the diversion in a Class III tributary and adjacent wetland has resulted in the fill of two cubic yards of earthen fill material to an adjacent wetland to McGinnis Creek.

    b. The storage of fuels at Water Tank (WT1) and its direct contact with the ground, in close proximity to surface waters, and without proper containment measures represents a threat of waste discharge to McGinnis Creek

    c. The latrines (L1 and L2) in a Class III tributary and its direct contact with the ground, represents a waste discharge to McGinnis Creek

3. **Greenhouse (GH2)**
    a. The storage of fertilizers and pesticides at WT4, and MT1, in close proximity to surface waters and without proper containment measures represents a threat of waste discharge to McGinnis Creek

b. The spoil pile (Fi1), solid waste pile (SW1), and latrines (L3-L6) poses a risk of sediment transport, and therefore a threat of waste discharge, towards a tributary to McGinnis Creek

c. The discharge of human waste (L7) from a sewage pipe onto to the ground poses a threat to water quality and is a violation of the On-Site Treatment Works policy in the Water Quality Control Plan for the North Coast Region

**APN: 107-012-005-000**:

**4. Greenhouse (GH3)**

a. The graded pad surrounding GH3 is over one acre of mostly bare soil, representing a threat of waste discharge to tributaries of Conklin Creek

b. The storage of solid waste, petroleum and pesticides at G2, in close proximity to surface waters, and without proper containment measures represents a threat of waste discharge to Conklin Creek

i. Floramite SC Bifenazate and Flint Fungicide Trifloxystrobin are banned from use for Cannabis Cultivation. These chemicals are known to cause deleterious effects to aquatic life and human health, and wind drift issues.

ii. A large quantity of diesel spilled beneath the generators requires immediate clean up.

**APN: 104-192-009-000**:

**5. Grading and Crossings**

a. Erosion and sediment from poorly constructed culverts (C5-C8), the fork in the road (Fk1), and bank erosion (BE1-BE3) represents a threat of waste discharge to a tributary to Conklin Creek.

**6. Grow Site**

a. The storage of solid waste, petroleum, fertilizers, in close proximity to surface waters and without proper containment measures represents a threat of waste discharge to Conklin Creek.

i. Abamectin, are banned from use for Cannabis Cultivation. These chemicals are known to cause deleterious effects to aquatic life, wildlife, and endangered species, as well as wind drift issues.

b. The discharge of raw sewer water and petroleum into Conklin Creek from the Sewage Ditch (SG1-SG3), is a discharge to a water of the State, and is a violation of the On-Site Treatment Works policy in the Water Quality Control Plan for the North Coast Region

c. The discharge of petroleum into Conklin Creek from Di2, is a discharge to a water of the State, and is a violation of the Water Quality Control Plan for the North Coast Region

d. The bare lots at GH4 and GH5 represents a threat of waste discharge to Conklin Creek.

**7. <u>Conklin Creek</u>**

a. Erosion and sediment transport from the ford crossing (C10) towards a tributary to Conklin Creek.

b. Presence of an unknown oily substance leading from a diesel tank and generator into a tributary to Conklin Creek.

c. The storage of fertilizers, in close proximity to surface waters and without proper containment measures represents a threat of waste discharge to Conklin Creek.

**8. <u>Shed</u>**

a. The storage of fertilizers and petroleum, in close proximity to surface waters, and without proper containment measures represents a threat of waste discharge to Conklin Creek

**9. <u>Greenhouse (GH6)</u>**

a. Erosion and sediment transport from poorly constructed culverts (C11 and Di3), the active overflow at WT8, and erosion at E4 and the greenhouse pad itself represents a threat of waste discharge to a tributary of Conklin Creek.

b. The storage of fertilizers and solid waste, in close proximity to surface waters, and without proper containment measures represents a threat of waste discharge to Conklin Creek