Colonial Pipeline Company

Recon Plan

INCIDENT: **CR 91**

LOCATION: **Pelham, AL**

DATE & TIME PREPARED: **September 12, 2016 10:10 am**

Prepared by:			
	Sign	Print	Date
Reviewed by:			
	Sign	Print	Date

APPROVALS:

Colonial PSC:		Jeffrey Titus	9/12/16
	Sign	Print	Date

***Please note**: All approved plans must be filed with the appropriate Documentation Unit Leader (DOCL) to upload into WebIAP as well as disseminated to proper ICS Staff and/or included in the Situation Display.

CR 91 Recon Plan

Scope & Background

The Reconnaissance Plan Work Plan (Recon Plan) was prepared by the Situation Unit & Environmental Unit (EU) to support the Planning Section and to outline the general approach, procedures and considerations that will guide future assessments and clean-up operations for this response.

Objectives

The objectives of this document are to:

a. Outline the components, scope and work assignments of the Recon program for this response;
b. Identify areas warranting additional consideration, up to and including potential protection sites for future booming, underflow dams and other measures;
c. Establish the manner in which data collected (and reported) in the field is communicated to UC;
d. Propose additional assessment activities, including a more robust visual assessment program, if warranted.

Priorities

Priorities for this response include, but are not limited to the following:

a. Identify locations downstream on the Cahaba River for potential boom sites. Identify a location for an additional Staging area near the identified boom sites. Additional boom sites shall be passed on to Operations for future proof-of-concept or establishment;
b. Conduct Daily monitoring of Peel Creek (and surrounding areas) and Cahaba River for any evidence of sheen;
c. Inspect established boom and underflow locations as well as Ponds #1, 2 & 3 for any potential product flows.
d. Monitor Pond recovery (e.g., skimming) operations and pond measuring activities of product.

RECON Personnel & Teams

a. Situation Unit-Field Observers (CPC FOBS)
b. GHD Unmanned Aerial Systems (UAS)
c. OSRO Contractors (HEPACO, SWS)
d. EPS Consultants
e. Helicopter Overflights

Tasks & Work Assignments

During the CR 91 Response, the following tasks and work assignments shall be completed by various RECON personnel and teams. All personnel shall use approved site safety measures and follow all on site safety measures. All personnel should know safe areas and routes of entry or evacuation.

All observations should be noted with date/time, GPS coordinates taken and photo (with direction of photo possible). Observed injured wildlife or deceased wildlife should be recorded with as much info as possible and in accordance with a Wildlife Plan.

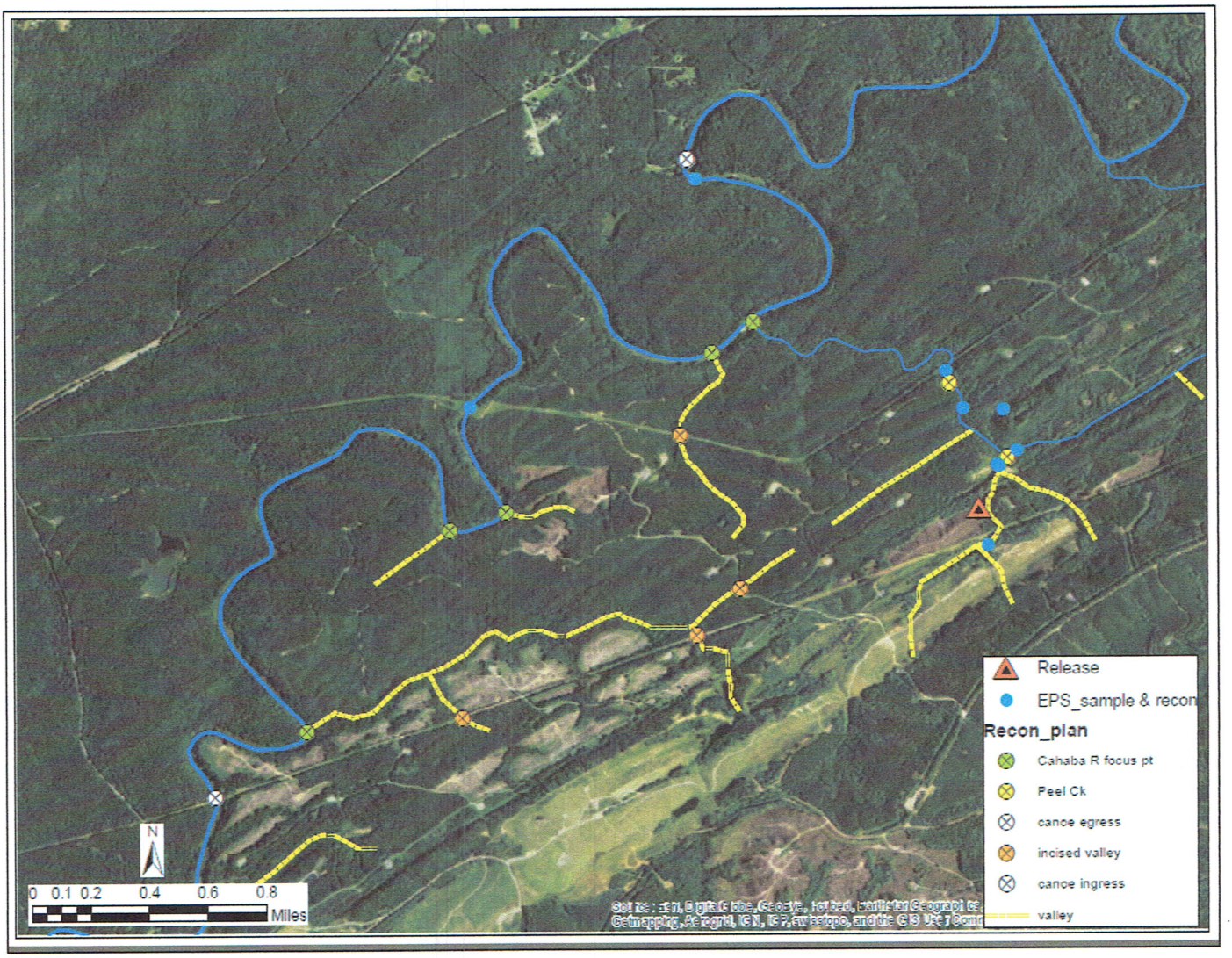
-Right of Way & Ponds Area RECON

a. CPC FOBS, OSROs shall monitor all edges of ponds, ditches/gulches or any potential flows from ROW where spilled product could impact the environment.
b. Reports should be made to the FOBS Supervisor or Situation Unit Leader at least HOURLY on all activities. Hourly reports should also be made to report no updates as well. Reports shall be logged by in the Situation Unit Log. Observed activity (sheen observed, wildlife concerns, security concerns, boom/underflow dam failures, weather changes) shall be made as soon as practicable (and safely) and updated in the ICS-201-2 and briefed.
c. If available, GHD and HELO overflights in the area with reports made to SIT with any new information or confirmation of reports made by ground personnel. UAS flights should be made to take advantage of overhead terrain and should be conducted at regular intervals (agreed by Planning Section Chief) in order to notice any changes to the environment, ROW or Ponds.

Peel Creek & Cahaba River AREA RECON

a. CPC FOBS, OSROs and EPS personnel should regularly check Peel Creek to the Cahaba River for previously unseen product flows. FOBS, OSROs and EPS should also note any features (e.g., springs, unknown creeks, swampy areas) where product could surface from subsurface features. Immediate reports to FOB Supervisor or SIT of any of the above, wildlife concerns.
b. Reports shall be logged by in the Situation Unit Log. Observed activity (sheen observed, wildlife concerns, security concerns, boom/underflow dam failures, weather changes) shall be made as soon as practicable (and safely) and updated in the ICS-201-2 and briefed.
c. If available, GHD and HELO overflights in the area with reports made to SIT with any new information or confirmation of reports made by ground personnel.
d. EPS personnel should use daily water sample routines to also maintain vigilance of any product impacts in the area of Peel Creek and Cahaba River.
e. If available, GHD and HELO overflights in the area with reports made to SIT with any new information or confirmation of reports made by ground personnel. UAS flights should be made to take advantage of overhead terrain and should be conducted at regular intervals (agreed by Planning Section Chief) in order to notice any changes to the environment, creeks or ponds.

Figure 1: Proposed RECON Map & Focus Points


Release
EPS_sample & recon
Recon_plan
Cahaba R focus pt
Peel Ck
canoe egress
incised valley
canoe ingress
valley
N
0 0.1 0.2 0.4 0.6 0.8
Miles

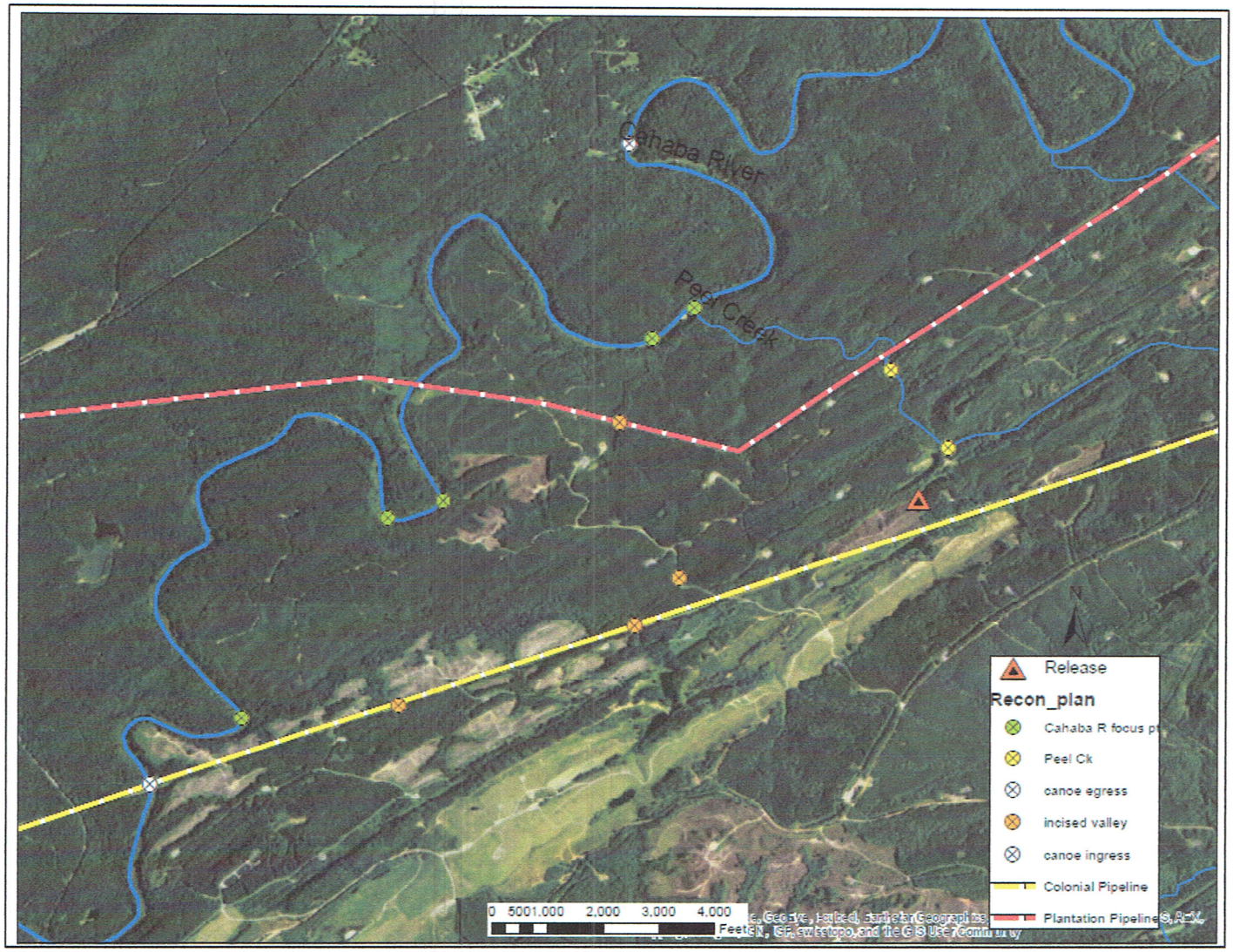


Figure 2: Potential Pathways & Valleys