

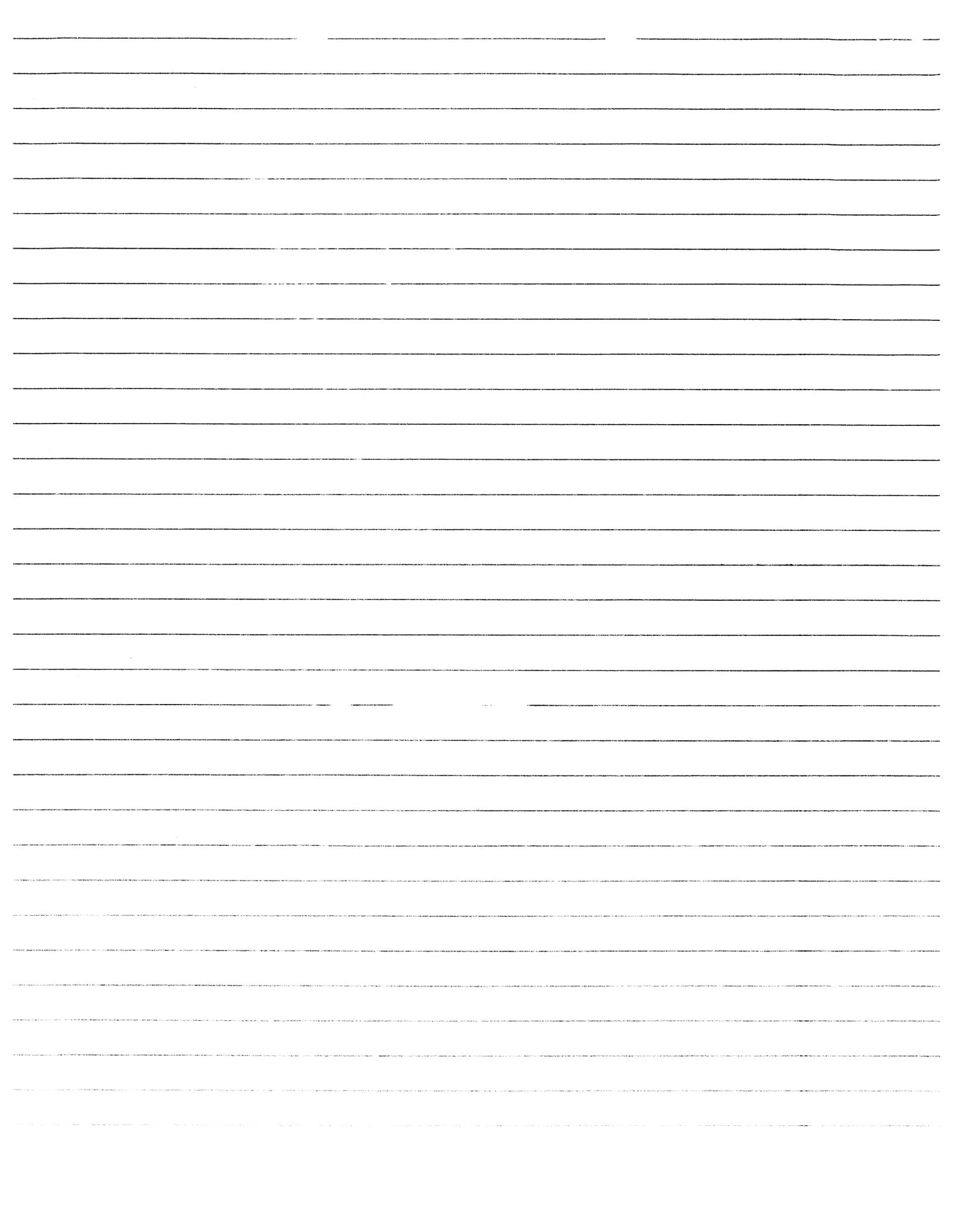
WORKPLAN MTG

2:00 1 JUL 2011

D PAGAN, IVELISSE SAUCHEZ, YOUSEF GARCIA, OSVALDO COLLAZO,
BOB BARRON, LARRY EVANS

1. REVIEWED STATUS - SEE ENCLOSED REVISION. REFLECTING NOTES.

2. D. PAGAN EXPLAINED THE PIPE FROM METER STATION TO
ECO ELECTRICA'S FENCE WILL REPLACE EXISTING PIPE. SINCE
PIPE BEEN IN SERVICE (BUT NOT USED) FOR MANY YEARS
AND OTHER REASONS. DISCUSSED W/ MR. PEYES @ ECO ELECTRICA.



1		Description	Who	Notes
2	Section 106 NHPA			
3		Phase 1A Historic literature research se	PREPA	Provided
4		Sites of concern from Phase 1A		
5		Corps develop recommendation	Corps	David Pugh provided SOW for 2 sites of concern
6				[Pasa del Indio & El Platanje (a.k.a., La Cadalaria)
7				[also need to survey Almacen 5 (Warehouse 5)
8		Survey sites to find boundary	PREPA	PREPA provided prelim draft edit of Corps SOW
9				PREPA surveying Pasa del Indio
10				PREPA provide HDD profiles at 2 sites asking
11				[Corps consider adjust survey boundary
12		Move alignment or mitigation plan	PREPA	PREPA considering HDD for Pasa del Indio
13		If mitigation plan: MOUs	All	
14		MOA if site found during construction		PREPA & SHPO drafting similar to last pipeline.
15		Other sources of information		[PREPA to provide letters provided all avail info
16				[from Instituto Puerto Rico Cultural
17				[from municipalities' archeologists ETA 31st
18		Phase 1B survey report		
19		Spanish version	PREPA	Provided.
20		Technical assistance w/ Shpo	SHPO	Provided comments.
21		English version	PREPA	Uploaded to Corps ftp site 9pm 1June
22		Adequacy of surveys	Corps	Problems w/ 1B report identified at Mtg 10Jun
23		Supplemental	PREPA	Provided revision & letter to SHPO.
24		Sites of concern from Phase 1B		
25		Corps develop recommendation	Corps	At mtg 30Jun Corps presented three example sites
26				[that 1B report not clear on location, plus concern
27				[with interval, depth, and extent of shovel testing.
28				[Presented draft survey design for entire route.
29		Additional surveys	PREPA	PREPA will edit/submit survey design & also plan
30				[for detailed survey @ known sites. Submit early
31				[week of 4July to prepare for mtg SHPO 11July
32		Surveys: (1) search for unknown	PREPA	Corps will draft permit conditions laying out timing
33		[sites & (2) find boundary of known		[of these to be well in advance of pipe construction
34		[sites & (3) if previously unknown site		[PREPA verbally committed that if site found then
35		[found, added surveys to inform where		[will relocate alignment or HDD to avoid and not
36		[to relocate the alignment.		[impact the site.
37		Programmatic MOA	SHPO	Proposal tabled. Determined not required.
38				
39	Section 7 ESA FWS			
40		Biological Assessment		
41		Applicant's draft	PREPA	Done.
42		Technical Assistance w/ FWS	FWS	Corps transmitted notes from Corps/FWS review
43				PREPA disagree with recc to extend the BOA
44				[habitat into pineapple areas in Manati
45				PREPA disagree with recc to extend Nightjar
46				[habitat into the low-value but will revise
47				FWS completed conserv reccs for 6 of 29 spp
48		Completeness and alternatives		
49		ROW & Survey transects	PREPA	PREPA provided shapefiles of surveys & 60ft ROW.
50		Alternatives		
51		Manati Karst		PREPA provided GIS of new alignment
52		Vega Baja		PREPA provided survey info new alignment
53		Adjuntas area		FWS/Applicant completed survey new alignment
54		Penuelas		FWS provided shortlist of plants.
55		PR10/Bosque Rio Bajo		PREPA ROW drawing to show miss mogotes base

1		Description	Who	Notes
56		Summary of Completeness	Corps	Provided "checklist" based various mtgs/letters
57		Applicant's revision	PREPA	PREPA provided prelim draft & additional analysis
58				[for Hawks and Nightjar.
59		ROW & Work Areas		PREPA provided draft shapefile
60		Review revision	Corps	Bob will assemble submittals and fill in:
61				[-for BOA: will recalculate extent of habitat impact
62				[-for plants: will adapt the information provided by
63				[FWS on 6 plants to the remaining 26 spp
64				[-for Crested Toad pond: alignment changed and
65				[additional protection of stream at locaton
66				[-for Hawk: note an additional individual observed
67		Initiate Consultation	Corps	ETA week 4July
68		Biological Opinion	FWS	
69				
70	Section 7 ESA NMFS (coral offshore and swimming turtles)			
71		Biological Assessment		
72		Applicant's draft	PREPA	Provided section in BA.
73		Completeness	Corps	
74		Levittown beach		
75		Work area		PREPA provided new plan showing MHHW
76		HDD sump		PREPA adding sheetpile to control spillage
77		Erosion		PREPA provided Erosion control plan
78		Fracout		CORPS reviewing frac-out plan.
79		Determination of Effect	Corps	to do
80				
81	EFH NMFS			
82		EFH BA		
83		Applicant's draft	PREPA	Provided.
84		Completeness	Corps	Bob will review NMFS letter's recommendations
85		Erosion		PREPA provided erosion control plan
86		Saltmarsh at Ecoelectrica		Piperack design will be pilings.
87		Reply to NMFS	Corps	
88	FHWA			
89		ROW and Work Plan		
90		CADD align & work plan to DOT	PREPA	Blueprints provided.
91		Review	DOT	Site visit PR10 done, identified concrete cap,
92				[under design, revision/finalization of drawings
93		Review	FHWA	
94		Revised alignment	PREPA	
95		Incorporate/coordinate permit review	Corps	Corps met with FHWA, they intend use our EA,
96				[Corps will share template combined document
97				[EA/SOF with Cathy Kendall for adds they need;
98				[Corps will share drafts of decision MFR for edits
99		Alternative alignment	FHWA	FHWA will assist Corps with info on regulations
100				[constraining aligning more of pipeline with PR22.
101	Utility (work plan) & Policy (no build in ROW) Agreements			
102		Draft with DOT	PREPA	Utility Agreement signed, to FHWA next week
103		Review	FHWA	
104		FHWA approval	FHWA	After/using Corps NEPA documents
105				
106	Project Purpose & Need			
107		Supply of LNG	PREPA	Provided letter.
108		Number of ships vs. BO	Corps	Met w/ EcoElectrica. Bob to call FERC to confirm
109				[if any change in quantity of regasification that

1		Description	Who	Notes
110				[there will by Sect 7 consult by FERC
111		Undrestand EPA noncompliance	PREPA	Provided in Chapter 6. Corps met with EPA
112		Stub outs	PREPA	Revised MLV pad drawings in preparation.
113		Alternative Analysis		
114		Applicant's draft	PREPA	Provided.
115		Completeness	Corps	
116		East West Alternatives		
117		- Alignment C appears more		Corps will study/draft based on info in application
118		[wetland impact. Add aquatic		[PREPA will provide info as identified from drafting
119		[resource info to DIA criteria		
120		- Align with PR-22		Corps will study constraints on houses,
121				[infrastructure, utilities, etc. stated by PREPA at
122				[PDT meeting
123		- Follow karst foothills		Corps will study
124		-Manati		Corps will study constraints stated by PREPA
125				
126		- Copeco/oil dam		PREPA may be adjusting. Site visit/discussion
127				[w/ FHWA on co-location in fuel line tunnel.
128		MLV (main line valves)		PREPA revised MLVs in preparation.
129		North South Alternatives		
130		-Align with PR-10 vs Rio Arecibo		Corps study contstraints described by PREPA
131		[river bottom		
132		- Ecoelectrica, follow access		PREPA redesigning for piperack to run up to first
133		[road or piperacks		[HDD workarea. In area of marsh will be wood work
134				[pads if needed, not fill.
135		Barges at north power plants		
136		- Compare DIA's ships to		PREPA affirmed same as ship & bouy in DIA. Bob
137		[PREPA's FRSU		[to study letter provided.
138		- Draft of San Juan Harbor		
139		- Optional size of ships		
140		Applicant Revision	PREPA	as needed.
141				
142		Mitigation		
143		Applicant Draft Proposal	PREPA	
144		Completeness	Corps	
145		Direct and Indirect Impacts		
146		Quantification impacts	PREPA	
147		Work Area drawings including		Wetland impact maps rec'd. Corps found one
148		-HDD pull-out areas		[location where don't match other documents, will
149		-Wetland mapping/id		[review remainder and advise.
150		Stream mapping/id		FWS concern not all shown on original plans
151		Shoreline armoring		
152		Stream crossing types		
153		Access Roads		PREPA advises all needed are shown. May be
154				[one access road added for one of the MLVs
155		Qualification of impacts		
156		Functional Asssess Index	Joint	Adapting scoring matrix from UMAM
157		Interagency field work	Joint	Site visits completed 30Jun
158				
159		Identification of mitigation	Corps	Corps to provide analysis of scores and estimated
160				[mitigation requirements week 4July (he rec'd raw
161				[notes and verbal on 30 sites from team 1Jul)
162		Cano Tiburones off-site		Visited site 30Jun. PREPA will draft a site plan.
163				[Then will tailor extent and nature of work based

1		Description	Who	Notes
164				[on impact and mitigation functional scoring.
165		Applicant Revised Plan	PREPA	L. Evans will revise plan based on above.
166		Corps completeness review	Corps	To be included as special conditions.
167	JD			
168		Submit JD package	PREPA	Provided
169		Spot verifies	Corps	1 site 2Jun was wet yet JD showed upland. A few
170				[other minor issues Corps will advise.
171		Readjust line as needed	PREPA	
172		Readjust impacts (for above)	PREPA	
173		Preliminary JDs	Corps	
174		Approved JDs	n.a.	Not applicable. Will be preliminaries.
175				
176		Cumulative Impact Analysis		
177		Define scope of analysis	Corps	
178		Land cover/land use mapping	Corps	
179				
180		Public Interest - Safety		
181		Federal Standards	PHMSA	Corps met with, PHMSA provided info and Corps
182				[will draft writeup for decision MFR on role & regs
183				[and share for edit. E.g., in populated (class 3) are
184				[restrictions on pipe design and requirement for a
185				[written Integrity Management Plan. Corps look at
186				[application for info provided by PREPA, appears.
187				[some in DIA chapter (in spanish)
188		Public Service Commission		Corps met with and they provided their role. Corps
189				[will draft decision MFR writeup and share for edit.
190		150' clearance from existing structures	PREPA	To control activities in vicinity of pipe.
191		Why 150' vs 50' vs 0'	PREPA	PREPA will provide study by Mark Stephens of
192				[accidents vs fatalities vs distance used to inform
193				[setback.
194		Federal Projects		
195		Rio Grande Manati / Barceloneta (how close levee)		
196		Rio de la Plata		
197		Rio Grande Arecibo (channel)		
198		Rio Bayamon (e of Levittown)		
199		for all above:		
200		Letter from sponsor	PREPA	Letter signed 20 May.
201				
202		Internal Corps coordination	Corps	Corps asks modify at future embankment. PREPA
203				[asks if fed'l project going to happen. Bob to ask.
204		Other federal lands		
205		Contacted entities	Corps	Bob will look for letter from RE on concerns
206		Corps Real Estate	Corps	Any RE action for construction or maint ROW?
207				
208		Decision for Public Hearing		
209		Review what was done for DIA		
210		Review tapes	Corps	To review.
211		Description protocol for hearings	PREPA	Provided EQB report.
212		EQB Resolution	Corps	Lists the comments submitted in hearings, Edgar
213				[Garcia will review if any new issues therein not
214				[rec'd during Corps comment period
215		Corps public notice comments	PREPA	PREPA submitted summary of comments sent to
216				[Corps and how comments addressed in DIA and
217				[annotated if individual commented on DIA

1	Description	Who	Notes
218	Decision to conduct hearing	Corps	
219			
220	Decision Document		
221	Significance determination (EA/EIS)	Corps	Evaluating information
222	Draft MFR	Bob	Starting to write. L.Evans offered to contribute: no.
223	404q process w/ FWS	Corps	
224	Coordinate Draft with FHWA	Corps	(see FHWA section above)
225	Coordinate Draft with PHMSA	Corps	(see SAFETY section above)
226	Coordinate with FERC	Corps	Bob contact re their authorization to EcoElectrica
227			[for import/terminal/supply.
228	Publish Draft	Corps	
229	CZM	PREPA	Provided (?)
230	WQC	PREPA	
231			
232	<p>"Note": This work plan and its notes are based on the Corps's understanding of the administrative record as of the date of the work plan. The purpose of the work plan is to communicate the status of the Corps's review of the permit application. The work plan and its notes may be revised as the Corps conducts its review of the record or as new information is made available to the Corps.</p>		
233			
234	<p>Point of contact: Bob Barron, Project Manager, Regulatory Division, Jacksonville District, U.S. Army Corps of Engineers, P.O. Box 4970, Jacksonville, FL, 32232, email: robert.b.barron@usace.army.mil voice: (904) 232-2203</p>		

