

MARTIN COUNTY
CERP - Indian River Lagoon South Project, C-44, Reservoir and Stormwater Treatment Area
WQC# 0297646-003 Solicitation #: W912EP-11-R-_____

ENVIRONMENTAL COMPLIANCE MATRIX (ECM)

				CREATED BY: Tamela Kinsey		
LEGEND: BLACK=FUTURE/ONGOING ACTION GREY=COMPLETED ACTION				DATE MODIFIED: 21-Oct-14		
ITEM	REQUIREMENTS TO BE ACCOMPLISHED	TIMEFRAME STATUS	DATE COMPLETED CNT1	COMMENTS	PERSON TO TAKE ACTION	Cnt #
DEP WQC GENERAL CONDITIONS						
2	Written notification to DEP prior to implementation of any sig deviations such as: ops plans, proj footprint, etc	AS NEEDED		Engineering and/or Corps field office will notify PD-EQ and PE-EQ will corrdinate with DEP	Rafael Valez (EN), Doug Wood (CD); Tamela Kinsey (PD-EQ)	1 & 2
3	Written report/notification to DEP w/details of any noncompliance.	AS NEEDED		Contractor and Corps field office will notify PD-EQ and DEP (Permitting & Compliance)	Contractor; Doug Wood (CD) or Ingrid Sotelo (PD-E)	1 & 2
8	A copy of the permit shall be kept at the work site. The Corps shall require the contractor to review permits prior to commencement of the authorized activity.	PRIOR TO CONSTRUCTION	(cnt 1) - 10/6/2011	PD-EQ will provide a copy of the permit to the Corps field office who will ensure compliance	Doug Wood (CD)	1 & 2
10	Written notice to DEP prior to commencement of activities.	48 HOURS PRIOR TO COMENCEMENT	(cnt 1) - 10/6/2011	Corps field office will notify PD-EQ and DEP (Permitting & Compliance)	Doug Wood (CD)	1 & 2
11	If archeological artifacts are discovered during construction, the Corps shall immediately notify the SHPO and the DEP	DURING CONSTRUCTION & INTERIM OPERATIONS		Contractor notifies Corps field office who notifies PD-EC, PD-EQ and FDEP (permitting & compliance)	Contractor, Doug Wood (CD); Grady Caulk (PD-EC)	1 & 2
12 & (SC #34)	Written statement of completion and a copy of any as-built drawings (signed and sealed) to FDEP.	30 DAYS AFTER (Completion Notice) WHEN AVAILABLE (As-built Submittal)		-Corps field office will notify PD-EQ and DEP (completion notice) -Engineering will provide to PD-EQ who will provide to FDEP (As-built Submittal) (permitting)	-Doug Wood (CD) -Rafael Valez (EN) Tamela Kinsey (PD-EQ)	1 & 2
DEP WQC SPECIFIC CONDITIONS						
2 & 9	Submit, to DEP, the Final Environmental Monitoring Plan (EMP) and an Environmental Protection Plan (EPP) addressing compliance with BO as outlined in the PSRP Specifications in Section 01 57 20, Page 5.	PRIOR TO CONSTRUCTION (To DEP) 20 DAYS AFTER NOA (To Corps)	(cnt 1) - Final 10/21/2011	Contractor will provide to the Corps field office, PD-ES & PD-EQ who provides to DEP	Doug Wood (CD) & Tamela Kinsey (PD-EQ)	1 & 2
3	The Corps shall coordinate with the SFWMD and the DEP concerning assessment and remediation of any contamination within the project footprint. If any contamination is identified after the start of construction or operations, work will immediately cease until the Permittee coordinates with SFWMD and FDEP and a remedial action plan is	-90 DAYS PRIOR TO INITIAL OPERATION OR USE OF THE COMPLETED PROJECT -If necessary		Contractor notifies Corps field office who notifies PD-EQ who notifies Corps Project Management, SFWMD and DEP	Contractor, Doug Wood (CD), Tamela Kinsey (PD-EQ) SFWMD	1 & 2
5	Mitigation for Wetland Impacts: RE Cert and Pre-UMAM for additional wetlands. Post-UMAM	-PRIOR TO CONSTRUCTION -WITHIN 90 DAYS OF PERMIT EXPIRATION	(cnt 1) -May 2011 -FUTURE	PD-E will prepare and provide to FDEP (Permitting)	Paul Stodola (PD-E), Tamela Kinsey (PD-EQ)	1
6	Real estate authorizations shall be provided to the DEP.	PRIOR TO CONSTRUCTION OR OPERATIONAL ACTIVITIES	(cnt 1) - 3/10/2011 (cnt 2) - 2014	PD-EQ will provide documentation to DEP (permitting)	Tamela Kinsey (PD-EQ)	1 & 2
7	Submit redesign, calcs and FWS/FWC coordination for Reservoir Embankment Design (D-400)	120 DAYS PRIOR TO CNT ADVERTISE	NA for Cnt 1	EN will provide to PD-EQ who will coordinate and obtain permit mod if req'd with FDEP (Permitting)	Rafael Valez (EN), Tamela Kinsey (PD-EQ)	2
8	Submit final plans & specs (signed & sealed) to FDEP.	60 DAYS PRIOR TO CONSTRUCTION	(cnt 1) 7/15/2011	EN will provided to PD-EQ who will provide documentation to DEP (permitting).	Rafael Valez (EN), Tamela Kinsey (PD-EQ)	1 & 2
9	2 weeks notice to FDEP of scheduled pre-construction meeting.	2 WEEKS PRIOR TO PRE-CON MEETING	(cnt 1) - 8/5/2011 for 8/25 pre-con (cnt 2) -	PM and Corps field office will notify PD-EQ & DEP (permitting & compliance)	Doug Wood (CD)	1 & 2

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9	Provide construction schedule to FDEP	within 30 days from the NTP OR upon Corps approval (whichever occurs first)	(cnt 1) 11/17/2011	Corps field office will notify PD-EQ & DEP (permitting & compliance)	Doug Wood (CD)	1 & 2
10	Submit EPP to FDEP.	WITHIN 30 DAYS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES	(cnt 1) Final 10/21/2011	Contractor will provide to the Corps field office who will provide to PD-EQ who will provide to DEP.	Doug Wood (CD) & Tamela Kinsey (PD-EQ)	1 & 2
13	Submit Erosion Control Plan (if not already included in the EPP)	PRIOR TO COMMENCEMENT	(cnt 1) 9/9/2011	Contractor will provide reports to the Corps field office who will provide to PD-EQ who will provide to DEP	Contractor, Doug Wood (CD), Tamela Kinsey (PD-EQ)	1 & 2
14	Wetlands adjacent to construction activities shall be staked and fenced off with construction fencing or other effective physical barriers . FDEP should be contacted to determine if an inspection is necessary.	PRIOR TO AND DURING CONSTRUCTION	(cnt 1) - 11/2/11 - site visit with FDEP indicated no concerns with fencing (cnt 2) -	Corps field office will notify DEP, PD-EQ and Paul Stodola	Contractor, & Doug Wood (CD)	1 & 2
17	Contractor will apply for all other necessary permits such as but not necessarily limited to NPDES, Dewatering, Consumptive Use.	PRIOR TO CONSTRUCTION	(cnt 1) -NPDES Generic - 8/31/2011; Dewatering - 4/9/2012 (cnt 2) -	Contractor will apply to appropriate agencies and will provide to PD-EQ who will provide to DEP.	Contractor, & Tamela Kinsey (PD-EQ)	1 & 2
18	If any offsite discharges will occur due to construction dewatering activities, the permittee may need a NPDES General Permit (see also 1.4 of Section 01 57 20 Specs)	IF NEEDED - Before discharge of produced ground water can occur.	NA for Cnt 1	Contractor will get permit if needed.	Contractor	1 & 2
19	If dewatering activities are anticipated, the contractor shall submit a site-specific dewatering plan to SFWMD/FDEP and PD-EQ at least 30 days prior to commencement of dewatering activities (see also 1.4 of Section 01 57 20 Specs).	30 DAYS PRIOR TO DEWATERING ACTIVITIES	(cnt 1) 10/5/2011 - Initial Submittal; 4/9/2012 - Revision (cnt 2) -	Contractor will obtain dewatering permit but, the dewatering plan should be submitted to PD-EQ for documentation with FDEP under CERPRA permit	Contractor & PD-EQ	1 & 2
20	Contractor will comply with turbidity control and monitoring requirements in the WQC 0297646-002 (pages 15 & 16). Turbidity sampling reports will be submitted by the contractor to the Corps.	DURING CONSTRUCTION	NA for Cnt 1 - dewatering will remain onsite	Contractor will provide reports to the Corps field office who will provide to PD-EQ who will provide to DEP	Contractor	1 & 2
22	The Corps shall submit the latest version of the Project Operating Manual	180 DAYS PRIOR TO INTERIM OPERATIONS	NA for Cnt 1	EN will provide to PD-EQ who will provide to DEP	Rafael Velez (EN) Tamela Kinsey (PD-EQ)	SFWMD
23	Initial Start-Up Phase monitor per Table 1 and the Final Interim Monitoring Plan	DURING INITIAL START-UP PHASE	NA for Cnt 1	PD-EQ will cnt this out (TBD)	Environmental Contractor (TBD), Tamela Kinsey (PD-EQ)	SFWMD
23	Phosphorus Start-Up monitoring per WQC requirements	AFTER START-UP MONITORING HAS BEGUN	NA for Cnt 1	PD-EQ will cnt this out (TBD)	Environmental Contractor (TBD), Tamela Kinsey (PD-EQ)	SFWMD
24	Flow-through operations monitoring post Start-Up test completion. Prior to initiating flow-through operations; all of the supporting data and analyses of the start-up test must be submitted to the Department for review and concurrence.	ONCE THE PROJECT ACHIEVES THE START-UP TEST	NA for Cnt 1	PD-EQ will coordinate with FDEP	Tamela Kinsey (PD-EQ)	SFWMD
25	Stabilization & Routine Operations: The compliance of these items is the responsibility of the SFWMD per permit # 0254895-003 EM and the transfer plan between the Corps and the SFWMD.	ONCE THE PROJECT ACHIEVES THE FLOW-THROUGH TEST	NA for Cnt 1		SFWMD	SFWMD

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27	Submit Final WQ Monitoring Plans to FDEP	PRIOR TO CONSTRUCTION	NA for Cnt 1	PD-EQ to provide to FDEP	Tamela Kinsey (PD-EQ)	SFWMD
31	The Corps shall submit the draft OMRR&R Manual as well as a digital copy of the final OMRR&R to DEP.	90 DAYS PRIOR TO INTERIM OPERATIONS (draft OMRR&R) & 30 DAYS OF PROJECT TURNOVER TO SFWMD (final OMRR&R)	NA for Cnt 1	EN will provide to PD-EQ who will provide to DEP	Rafael Velez (EN) Tamela Kinsey (PD-EQ)	1 & 2
32	Submit a final Initial Filling Plan and an Emergency Action Plan (EAP) to FDEP	AT LEAST 90 DAYS PRIOR TO SCHEDULING THE INITIAL FILLING	NA for Cnt 1		Rafael Velez (EN) Tamela Kinsey (PD-EQ)	SFWMD
35	The Corps shall submit an Annual Report to the DEP in accordance with the WQC permit guidelines in permit 0288313-003 page 22 of 28, specific condition #35.	by March 1st DURING CONSTRUCTION & INTERIM OPERATIONS	(cnt 1) 3/1/2012 (cnt 1) 3/1/2013 (cnt 1) 3/2014 (cnt 2) -	PD-EQ to prepare and submit to FDEP	Tamela Kinsey (PD-EQ)	1 & 2
FWS Biological Opinion (September 14, 2006)-						
1a	An eastern indigo snake protection/education plan shall be developed by the Contractor and submitted to the Contracting Officer and PD-E for review and approval.	At least 30 days prior to any construction or clearing activities.	(cnt1) 9/16/2011	Contractor to prepare and submit to Contracting Officer and PD-E. PD-EC shall coordinate with USFWS.	Contractor, Doug Wood (CD) and Paul Stodola (PD-EC)	1 & 2
1b	The Contractor shall have a qualified eastern indigo snake observer present during all clearing and construction activities. The qualifications of the observer shall be submitted by the Contractor to the the Contracting Officer and PD-E for approval.	No later than 15 days prior to the pre-construction conference.	(cnt 2) 8/12/2011	Contractor submittal to Contracting Officer and PD-E	Contractor, Doug Wood (CD) and Paul Stodola (PD-EC)	1 & 2
3a	The Contracting Officer, in coordination with the Contractor, shall provide PD-E advanced notice on the schedule for ground clearing of vegetation so that they may participate in on-site observational activities	One-week prior to ground clearing of vegetation.		Contracting Officer to coordinate with Contractor and PD-EC. PD-EC shall coordinate with USFWS.	Doug Wood (CD), Contractor, and Paul Stodola (PD-EC)	1 & 2
3b	The Contractor shall provide the results of all eastern indigo snake observations associated with ground clearing and constructions activities to the USFWS (Vero Beach) and PD-E. If no snakes are encountered, a report should be submitted indicating that fact.	Within 30 days following the ground clearing activity and another report within 30 days after construction phases.		Contractor submittal to USFWS (Vero Beach) and PD-E.	Contractor, USFWS (Vero Beach) and Paul Stodola (PD-EC)	1 & 2
3c	The Contractor shall submit a report of all snakes killed or injured during clearing or construction activities to the USFWS (Vero Beach). If no snakes are encountered, a report should be submitted indicating that fact.	Submitted on an annual basis.		Contractor submittal to USFWS (Vero Beach) and PD-E.	Contractor, USFWS (Vero Beach) and Paul Stodola (PD-EC)	1 & 2
3c	Upon locating a dead, injured, or sick eastern indigo snake, or any federally listed species, the Contractor shall notify the USFWS (Vero Beach) and PD-E, and secondary notification shall be made to the FWC (West Palm Beach).	Upon location/immediately.		Contractor notification to Contracting Officer, PD-E, USFWS (Vero Beach), PD-E, and FWC.	Contractor, Doug Wood (CD), Chief-Environmental Branch, USFWS (Vero Beach), and FWC	1 & 2
FWS Biological Opinion (July 30, 2007)-Terms and Conditions						
2b	The Contractor shall educate all on-site personnel to recognize and avoid caracaras.	Prior to clearing and construction activities	(cnt 1) 9/16/2011	Contracting Officer and PD-E will coordinate with Contractor to discuss including this requirement with the eastern indigo snake education plan.	Doug Wood (CD), Paul Stodola (PD-EC) and Contractor	1 & 2
3	The Contractor shall have a qualified biologist perform caracara surveys. The qualifications of the biologist shall be submitted by the Contractor to the Contracting Officer and PD-E for approval.	No later than 15 days prior to the pre-construction conference.	(cnt 1) 8/12/2011	Contractor submittal to Contracting Officer and PD-E.	Contractor, Doug Wood (CD) and Paul Stodola (PD-EC)	1 & 2

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4a	The Contracting Officer, in coordination with the Contractor, shall provide PD-E advanced notice on the date that caracara surveys shall commence.	One-week prior to commencement of surveys.		Contracting Officer to coordinate with Contractor and PD-E. PD-EC shall coordinate with USFWS.	Doug Wood (CD), Contractor and Paul Stodola (PD-EC)	1 & 2
4b	The Contractor shall submit reports on the caracara surveys to the USFWS (Vero Beach) and PD-E.	Monthly basis.		Contractor submittal to USFWS (Vero Beach) and PD-E.	Contractor, USFWS (Vero Beach), Paul Stodola (PD-EC)	1 & 2
4b	The Contractor shall notify the Contracting Officer and PD-E if a caracara nest tree is found.	Immediately		Contractor notification to Contracting Officer and PD-E. PD-EC shall coordinate with USFWS.	Contractor, Doug Wood (CD) and Paul Stodola (PD-EC)	1 & 2
4c	In the event that a caracara is injured or killed by clearing or construction activities, the Contractor shall notify the Contracting Officer, PD-E, USFWS (Vero Beach), and secondary notification shall be made to the FWC (West Palm Beach).	Immediately.		Contractor notification to Contracting Officer, PD-E, USFWS (Vero Beach), and FWC.	Contractor, Doug Wood (CD), Chief-Environmental Branch, USFWS (Vero Beach), and FWC	1 & 2
4c	Upon locating a dead, injured, or sick caracara, or any federally listed species, the Contractor shall notify the USFWS (Vero Beach) and PD-E, and secondary notification shall be made to the FWC (West Palm Beach).	Upon location/immediately.		Contractor notification to Contracting Officer, PD-E, USFWS (Vero Beach), PD-E, and FWC.	Contractor, Doug Wood (CD), Chief-Environmental Branch, USFWS (Vero Beach), and FWC	1 & 2
Other Environmental Requirements						
	The Contractor shall submit the qualifications of the bird monitor to the Contracting Officer and PD-E for approval.	No later than 15 days prior to the pre-construction conference.	(cnt 1)8/12/2011	Contractor submittal to Contracting Officer and PD-E	Contractor, Doug Wood (CD), and Paul Stodola (PD-EC)	1 & 2
	The Contractor shall submit a project environmental summary sheet.	Within 30 days of completion of construction activity.		Contractor submittal to Contracting Officer and PD-E	Contractor, Doug Wood (CD), and Paul Stodola (PD-EC)	1 & 2
	The Contractor shall notify the Contracting Officer, PD-E, USFWS (Vero Beach), and FWC (West Palm Beach) in the event that a manatee is injured or killed during waterborne work.	Immediately		Contractor notification to Contracting Officer, PD-E, USFWS (Vero Beach), and FWC (West Palm Beach)	Contractor, Doug Wood (CD), Chief-Environmental Branch, USFWS (Vero Beach), FWC (West Palm Beach)	1 & 2
	The Contractor shall keep a log detailing sightings, collisions, or injuries to manatees.	Reporting forms shall be submitted within 10 days of collection of data.		Contractor submittal to Contracting Officer and PD-E	Contractor, Doug Wood (CD), Chief-Environmental Branch	1 & 2
	The Contractor shall keep daily records of bird nesting activity, and submit nesting activity reports to the Contracting Officer and PD-EC.	Nesting activity reports shall be submitted on a monthly basis.		Contractor submittal to Contracting Officer and PD-EC	Contractor, Doug Wood (CD) and Paul Stodola (PD-EC).	1 & 2
	The Contractor shall notify the Contracting Officer and PD-E of any bird nesting activity.	Immediately		Contractor submittal to Contracting Officer and PD-E	Contractor, Doug Wood (CD) and Chief-Environmental Branch	1 & 2
	The Contractor shall submit a summary report of bird nesting activity to the Contracting Officer and PD-EC.	Within 30 days of completion of construction.		Contractor submittal to Contracting Officer and PD-EC	Contractor, Doug Wood (CD) and Paul Stodola (PD-EC)	1 & 2
	The Contractor shall notify the Contracting Officer and PD-EC of any gopher tortoises that cannot be avoided.	Immediately		Contractor notification to Contracting Officer and PD-EC	Contractor, Doug Wood (CD) and Paul Stodola (PD-EC)	1 & 2