Attachment E – Storm Water Inspection Reports & Checklists

Walnut Creek Energy Park

Storm Water Pollution Prevention Plan

Monthly SWPPP Report – October 2012

Summary:

Under the California Regional Water Quality Control Board's NPDES General Construction Permit, the following memorandum summarizes the activities, inspections, and actions taken by Kiewit Power Constructors Co. to maintain full compliance with the provisions of the Storm Water Pollution Prevention Plan.

Steps taken to ensure full compliance with the General Construction Permit were taken as needed during the month. Dust control measures such as outside runs by the water truck were performed. Regular site inspections were performed and documented on a weekly basis, with additional non-recorded site walks occurring on average, once per week in addition to documented site walks. Although the General Permit only requires quarterly reports for non-visible pollutants, Kiewit included inspections for non-visible pollutants in our weekly inspections as well as in our pre, mid and post event inspections.

October Inspections:

Weekly Inspections

Date	Type	Inspector	Chance of Rain (%)	Sampling Req'd?	Changes Needed to SWPPP Plan
4 October 2012	Weekly	Claire Jasareno	0%	No	N/A
9 October 2012	Weekly	Claire Jasareno	50%	No	N/A
17 October 2012	Weekly	Claire Jasareno	0%	No	N/A
25 October 2012	Weekly	Claire Jasareno	0%	No	N/A
2 November 2012	Weekly	Claire Jasareno	0%	No	N/A

Rain Event Inspections					
Date	**Type**	**Inspector**	**Rain Fall (in)**	**Sampling Req'd?**	**Breaches or Corrective Action?**
9 October 2012	Pre-Storm	Claire Jasareno	0"	No	Repair silt fence, cover catch basins, and clean storm drain inlet

SWPPP Maintenance:

Regular maintenance of the BMPs on-site is a condition of the General Permit. During the weekly inspections, items observed to require maintenance or replacement were corrected immediately. No discharges were observed due to breaches in the BMPs.

Rain Events:

There was one rain event in the month of October; however it did not surpass the half-inch mark.

SWPPP Amendments:

None for the month of October.

SWPPP Updates:

None for the month of October.

Appendix G **BMP Checklists and Inspection Forms**

BMP INSPECTION REPORT

Date and Time of Inspection: 10/04/2012 2:00 p.m.			Date Report Written: 10/05/2012	
Inspection Type: (Circle one)	Weekly *Complete Parts I,II,III and VII*	Pre-Storm *Complete Parts I,II,III,IV and VII*	During Rain Event *Complete Parts I, II, III, V, and VII*	Post-Storm *Complete Parts I,II,III,VI and VII*

Part I. General Information

Site Information

Construction Site Name: Walnut Creek Energy Park			
Construction stage and completed activities: Vertical Const.; fine grading			Approximate area of site that is exposed: 25
Photos Taken: (Circle one)	Yes	No	Photo Reference IDs:

Weather

Estimate storm beginning: (date and time) 10/08/2012 night	Estimate storm duration: (hours) 24 hours
Estimate time since last storm: (days or hours) 152 days	Rain gauge reading and location: (in) 0"

Is a "Qualifying Event" predicted or did one occur (i.e., 0.5" rain with 48-hrs or greater between events)? (Y/N)
If yes, summarize forecast:

Exemption Documentation (explanation required if inspection could not be conducted). Visual inspections are not required outside of business hours or during dangerous weather conditions such as flooding or electrical storms.

Inspector Information

Inspector Name: Claire Jasareno	Inspector Title: Compliance Coord.
Signature: [signature]	Date: 10/05/2012

Part II. BMP Observations. Describe any deficiencies in Part III.			
Minimum BMPs for Risk Level 1 Sites	Adequately designed, implemented and effective (yes, no, N/A)	Action Required (yes/no)	Action Implemented (Date)
Good Housekeeping for Construction Materials			
Inventory of products (excluding materials designed to be outdoors)	Yes	No	
Stockpiled construction materials not actively in use are covered and bermed	Yes	NO	
All chemicals are stored in watertight containers with appropriate secondary containment, or in a completely enclosed storage shed	Yes	No	
Construction materials are minimally exposed to precipitation	Yes	No	
BMPs preventing the off-site tracking of materials are implemented and properly effective	Yes	NO	
Good Housekeeping for Waste Management			
Wash/rinse water and materials are prevented from being disposed into the storm drain system	Yes	NO	
Portable toilets are contained to prevent discharges of waste	Yes	No	
Sanitation facilities are clean and with no apparent for leaks and spills	Yes	NO	
Equipment is in place to cover waste disposal containers at the end of business day and during rain events	Yes	No	
Discharges from waste disposal containers are prevented from discharging to the storm drain system / receiving water	Yes	NO	
Stockpiled waste material is securely protected from wind and rain if not actively in use	Yes	No	
Procedures are in place for addressing hazardous and non-hazardous spills	Yes	No	
Appropriate spill response personnel are assigned and trained	Yes	No	
Equipment and materials for cleanup of spills is available on site	Yes	No	
Washout areas (e.g., concrete) are contained appropriately to prevent any discharge or infiltration into the underlying soil	Yes	No	
Good Housekeeping for Vehicle Storage and Maintenance			
Measures are in place to prevent oil, grease, or fuel from leaking into the ground, storm drains, or surface waters	Yes	NO	
All equipment or vehicles are fueled, maintained, and stored in a designated area with appropriate BMPs	Yes	No	
Vehicle and equipment leaks are cleaned immediately and disposed of properly	Yes	NO	

Part II. BMP Observations Continued. Describe any deficiencies in Part III.			
Minimum BMPs for Risk Level 1 Sites	Adequately designed, implemented and effective (yes, no, N/A)	Action Required (yes/no)	Action Implemented (Date)
Good Housekeeping for Landscape Materials			
Stockpiled landscape materials such as mulches and topsoil are contained and covered when not actively in use	N/A		
Erodible landscape material has not been applied 2 days before a forecasted rain event or during an event	↓		
Erodible landscape materials are applied at quantities and rates in accordance with manufacturer recommendations	↓		
Bagged erodible landscape materials are stored on pallets and covered	↓		
Good Housekeeping for Air Deposition of Site Materials			
Good housekeeping measures are implemented on site to control the air deposition of site materials and from site operations	Yes	No	
Non-Stormwater Management			
Non-stormwater discharges are properly controlled	Yes	No	
Vehicles are washed in a manner to prevent non-stormwater discharges to surface waters or drainage systems	Yes	No	
Streets are cleaned in a manner to prevent unauthorized non-stormwater discharges to surface waters or drainage systems.	Yes	No	
Erosion Controls			
Wind erosion controls are effectively implemented	Yes	No	
Effective soil cover is provided for disturbed areas inactive (i.e., not scheduled to be disturbed for 10 days per CEC requirements / 14 days per CGP requirements) as well as finished slopes, open space, utility backfill, and completed lots	Yes	No	
The use of plastic materials is limited in cases when a more sustainable, environmentally friendly alternative exists.	Yes	No	
Sediment Controls			
Perimeter controls are established and effective at controlling erosion and sediment discharges from the site	Yes	No	
Entrances and exits are stabilized to control erosion and sediment discharges from the site	Yes	No	
Sediment basins are properly maintained	Yes	No	
Limit construction activity to and from site to entrances and exits that employ effective controls to prevent offsite tracking	Yes	No	
Ensure all storm, drain inlets and perimeter controls, runoff control BMPs and pollutants controls at entrances and exits	Yes	No	

are maintained and protected from activities the reduce their effectiveness			
Inspect all immediate access roads daily	Yes	No	
Run-On and Run-Off Controls			
Run-on to the site is effectively managed and directed away from all disturbed areas.	Yes	No	
Other			
Are the project SWPPP and BMP plan up to date, available on-site and being properly implemented?	Yes	No	

Part III. Descriptions of Any BMP Deficiencies

Deficiency	Repairs Implemented: Note - Repairs must begin within 72 hours of identification.	
	Start Date	**Action**
1. the silt fence on the W. end needs		Repair silt fence
2. silt fence repair N. of parking lot needs repair		Repair silt fence
3. need to add BMPs		add fiber rolls once they arrive onsite
4. on E. side fence may need covers on piles if it rains next week		check to see if we have enough queen / gravel bags

Part IV. Additional Pre-Storm Observations. Note the presence or absence of floating and suspended materials, sheen, discoloration, turbidity, odors, and source(s) of pollutants(s).

	Yes, No, N/A
Do stormwater storage and containment areas have adequate freeboard? If no, complete Part III.	
Are drainage areas free of spills, leaks, or uncontrolled pollutant sources? If no, complete Part VII and describe below.	
Notes:	
Are stormwater storage and containment areas free of leaks? If no, complete Parts III and/or VII and describe below.	
Notes:	

Part V. Additional During Storm Observations. **If BMPs cannot be inspected during inclement weather, list the results of visual inspections at all relevant outfalls, discharge points, and downstream locations. Note odors or visible sheen on the surface of discharges. Complete Part VII (Corrective Actions) as needed.**	
Outfall, Discharge Point, or Other Downstream Location	
Location	Description
Location	Description
Location	Description
Location	Description
Location	Description
Location	Description
Location	Description
Location	Description

Part VI. Additional Post-Storm Observations. Visually observe (inspect) stormwater discharges at all discharge locations within two business days (48 hours) after each qualifying rain event, and observe (inspect) the discharge of stored or contained stormwater that is derived from and discharged subsequent to a qualifying rain event producing precipitation of ½ inch or more at the time of discharge. Complete Part VII (Corrective Actions) as needed.	
Discharge Location, Storage or Containment Area	**Visual Observation**

Part VII. Additional Corrective Actions Required. Identify any additional corrective actions not included with BMP Deficiencies (Part III) above. Note if SWPPP change is required.	
Required Actions	**Implementation Date**
N/A	

Appendix G **BMP Checklists and Inspection Forms**

BMP INSPECTION REPORT

Date and Time of Inspection: 10/09/2012 8:45 am.			Date Report Written: 10/09/2012	
Inspection Type: (Circle one)	Weekly *Complete Parts I,II,III and VII*	Pre-Storm *Complete Parts I,II,III,IV and VII*	During Rain Event *Complete Parts I, II, III, V, and VII*	Post-Storm *Complete Parts I,II,III,VI and VII*

Part I. General Information

Site Information

Construction Site Name: Walnut Creek Energy Park			
Construction stage and completed activities: Fine grading. Vert. Const.			Approximate area of site that is exposed: 25
Photos Taken: (Circle one)	Yes	No	Photo Reference IDs:

Weather

Estimate storm beginning: (date and time) 10/10/2012 11pm	Estimate storm duration: (hours) 24
Estimate time since last storm: (days or hours)	Rain gauge reading and location: (in) 0.11

Is a "Qualifying Event" predicted or did one occur (i.e., 0.5" rain with 48-hrs or greater between events)? (Y/N)
If yes, summarize forecast:

Exemption Documentation (explanation required if inspection could not be conducted). Visual inspections are not required outside of business hours or during dangerous weather conditions such as flooding or electrical storms.

Inspector Information

Inspector Name: Claire Jasareno	Inspector Title: Compliance Coord.
Signature:	Date: 10/09/2012

Part II. BMP Observations. Describe any deficiencies in Part III.			
Minimum BMPs for Risk Level 1 Sites	Adequately designed, implemented and effective (yes, no, N/A)	Action Required (yes/no)	Action Implemented (Date)
Good Housekeeping for Construction Materials			
Inventory of products (excluding materials designed to be outdoors)	Yes	No	
Stockpiled construction materials not actively in use are covered and bermed	N/A		
All chemicals are stored in watertight containers with appropriate secondary containment, or in a completely enclosed storage shed	Yes	No	
Construction materials are minimally exposed to precipitation	Yes	No	
BMPs preventing the off-site tracking of materials are implemented and properly effective	Yes	No	
Good Housekeeping for Waste Management			
Wash/rinse water and materials are prevented from being disposed into the storm drain system	Yes	No	
Portable toilets are contained to prevent discharges of waste	Yes	No	
Sanitation facilities are clean and with no apparent for leaks and spills	Yes	No	
Equipment is in place to cover waste disposal containers at the end of business day and during rain events	Yes	No	
Discharges from waste disposal containers are prevented from discharging to the storm drain system / receiving water	Yes	No	
Stockpiled waste material is securely protected from wind and rain if not actively in use	Yes	No	
Procedures are in place for addressing hazardous and non-hazardous spills	Yes	No	
Appropriate spill response personnel are assigned and trained	Yes	No	
Equipment and materials for cleanup of spills is available on site	Yes	No	
Washout areas (e.g., concrete) are contained appropriately to prevent any discharge or infiltration into the underlying soil	Yes	No	
Good Housekeeping for Vehicle Storage and Maintenance			
Measures are in place to prevent oil, grease, or fuel from leaking into the ground, storm drains, or surface waters	Yes	NO	
All equipment or vehicles are fueled, maintained, and stored in a designated area with appropriate BMPs	Yes	NO	
Vehicle and equipment leaks are cleaned immediately and disposed of properly	Yes	No	

Part II. BMP Observations Continued. Describe any deficiencies in Part III.			
Minimum BMPs for Risk Level 1 Sites	Adequately designed, implemented and effective (yes, no, N/A)	Action Required (yes/no)	Action Implemented (Date)
Good Housekeeping for Landscape Materials			
Stockpiled landscape materials such as mulches and topsoil are contained and covered when not actively in use	N/A		
Erodible landscape material has not been applied 2 days before a forecasted rain event or during an event			
Erodible landscape materials are applied at quantities and rates in accordance with manufacturer recommendations			
Bagged erodible landscape materials are stored on pallets and covered			
Good Housekeeping for Air Deposition of Site Materials			
Good housekeeping measures are implemented on site to control the air deposition of site materials and from site operations	Yes	NO	
Non-Stormwater Management			
Non-stormwater discharges are properly controlled	Yes	NO	
Vehicles are washed in a manner to prevent non-stormwater discharges to surface waters or drainage systems	Yes	NO	
Streets are cleaned in a manner to prevent unauthorized non-stormwater discharges to surface waters or drainage systems.	Yes	NO	
Erosion Controls			
Wind erosion controls are effectively implemented	Yes	NO	
Effective soil cover is provided for disturbed areas inactive (i.e., not scheduled to be disturbed for 10 days per CEC requirements / 14 days per CGP requirements) as well as finished slopes, open space, utility backfill, and completed lots	Yes	NO	
The use of plastic materials is limited in cases when a more sustainable, environmentally friendly alternative exists.	Yes	NO	
Sediment Controls			
Perimeter controls are established and effective at controlling erosion and sediment discharges from the site	Yes	NO	
Entrances and exits are stabilized to control erosion and sediment discharges from the site	Yes	NO	
Sediment basins are properly maintained	Yes	NO	
Limit construction activity to and from site to entrances and exits that employ effective controls to prevent offsite tracking	Yes	NO	
Ensure all storm, drain inlets and perimeter controls, runoff control BMPs and pollutants controls at entrances and exits	Yes	NO	

are maintained and protected from activities the reduce their effectiveness			
Inspect all immediate access roads daily	Yes	No	
Run-On and Run-Off Controls			
Run-on to the site is effectively managed and directed away from all disturbed areas.	Yes	No	
Other			
Are the project SWPPP and BMP plan up to date, available on-site and being properly implemented?	Yes	No	

Part III. Descriptions of Any BMP Deficiencies

Deficiency	Repairs Implemented: Note - Repairs must begin within 72 hours of identification.	
	Start Date	Action
1. Grates need to be covered	10/09/12	Cover grates with filter fabric then surround by gravel bags
2. Storm drain inlet needs to be cleaned up	10/09/12	Sweep debris, place bags around perimeter of fabric
3. Catch basin openings need to covered	10/09/12	Drape filter fabric over openings, surround with gravel bags
4. Repair silt fence along W. end and N. of parking lot	10/09/12	Repair silt fence holes

Part IV. Additional Pre-Storm Observations. Note the presence or absence of floating and suspended materials, sheen, discoloration, turbidity, odors, and source(s) of pollutants(s).

	Yes, No, N/A
Do stormwater storage and containment areas have adequate freeboard? If no, complete Part III.	
Are drainage areas free of spills, leaks, or uncontrolled pollutant sources? If no, complete Part VII and describe below.	
Notes:	
Are stormwater storage and containment areas free of leaks? If no, complete Parts III and/or VII and describe below.	
Notes:	

Part V. Additional During Storm Observations. **If BMPs cannot be inspected during inclement weather, list the results of visual inspections at all relevant outfalls, discharge points, and downstream locations. Note odors or visible sheen on the surface of discharges. Complete Part VII (Corrective Actions) as needed.**	
Outfall, Discharge Point, or Other Downstream Location	
Location	Description
Location	Description
Location	Description
Location	Description
Location	Description
Location	Description
Location	Description
Location	Description

Part VI. Additional Post-Storm Observations. Visually observe (inspect) stormwater discharges at all discharge locations within two business days (48 hours) after each qualifying rain event, and observe (inspect) the discharge of stored or contained stormwater that is derived from and discharged subsequent to a qualifying rain event producing precipitation of ½ inch or more at the time of discharge. Complete Part VII (Corrective Actions) as needed.	
Discharge Location, Storage or Containment Area	**Visual Observation**

Part VII. Additional Corrective Actions Required. Identify any additional corrective actions not included with BMP Deficiencies (Part III) above. Note if SWPPP change is required.	
Required Actions	**Implementation Date**
Add berm to the NW corner of jobsite	10/09/12
Clean out curb and gutter	10/09/12
Remove material along the curb	10/09/12

Appendix G **BMP Checklists and Inspection Forms**

BMP INSPECTION REPORT

Date and Time of Inspection:				Date Report Written:
10/17/2012 8:00 a.m.				10/17/2012
Inspection Type: (Circle one)	Weekly *Complete Parts I,II,III and VII*	Pre-Storm *Complete Parts I,II,III,IV and VII*	During Rain Event *Complete Parts I, II, III, V, and VII*	Post-Storm *Complete Parts I,II,III,VI and VII*

Part I. General Information

Site Information

Construction Site Name: Walnut Creek Energy Park			
Construction stage and completed activities: Vertical const.			Approximate area of site that is exposed: 25
Photos Taken: (Circle one)	Yes	No	Photo Reference IDs:

Weather

Estimate storm beginning: (date and time) N/A	Estimate storm duration: (hours) N/A
Estimate time since last storm: (days or hours) 6 days	Rain gauge reading and location: (in) 0"

Is a "Qualifying Event" predicted or did one occur (i.e., 0.5" rain with 48-hrs or greater between events)? (Y/N)
If yes, summarize forecast:

Exemption Documentation (explanation required if inspection could not be conducted). Visual inspections are not required outside of business hours or during dangerous weather conditions such as flooding or electrical storms.

Inspector Information

Inspector Name: Claire Jasareno	Inspector Title: Compliance Coord.
Signature:	Date: 10/17/2012

Part II. BMP Observations. Describe any deficiencies in Part III.			
Minimum BMPs for Risk Level 1 Sites	Adequately designed, implemented and effective (yes, no, N/A)	Action Required (yes/no)	Action Implemented (Date)
Good Housekeeping for Construction Materials			
Inventory of products (excluding materials designed to be outdoors)	yes	no	
Stockpiled construction materials not actively in use are covered and bermed	N/A		
All chemicals are stored in watertight containers with appropriate secondary containment, or in a completely enclosed storage shed	yes	NO	
Construction materials are minimally exposed to precipitation	yes	No	
BMPs preventing the off-site tracking of materials are implemented and properly effective	yes	NO	
Good Housekeeping for Waste Management			
Wash/rinse water and materials are prevented from being disposed into the storm drain system	yes	No	
Portable toilets are contained to prevent discharges of waste	yes	NO	
Sanitation facilities are clean and with no apparent for leaks and spills	yes	No	
Equipment is in place to cover waste disposal containers at the end of business day and during rain events	yes	No	
Discharges from waste disposal containers are prevented from discharging to the storm drain system / receiving water	yes	No	
Stockpiled waste material is securely protected from wind and rain if not actively in use	yes	No	
Procedures are in place for addressing hazardous and non-hazardous spills	yes	NO	
Appropriate spill response personnel are assigned and trained	yes	No	
Equipment and materials for cleanup of spills is available on site	yes	No	
Washout areas (e.g., concrete) are contained appropriately to prevent any discharge or infiltration into the underlying soil	yes	No	
Good Housekeeping for Vehicle Storage and Maintenance			
Measures are in place to prevent oil, grease, or fuel from leaking into the ground, storm drains, or surface waters	yes	No	
All equipment or vehicles are fueled, maintained, and stored in a designated area with appropriate BMPs	yes	no	
Vehicle and equipment leaks are cleaned immediately and disposed of properly	yes	No	

are maintained and protected from activities the reduce their effectiveness			
Inspect all immediate access roads daily	yes	NO	
Run-On and Run-Off Controls			
Run-on to the site is effectively managed and directed away from all disturbed areas.	yes	NO	
Other			
Are the project SWPPP and BMP plan up to date, available on-site and being properly implemented?	yes	NO	

Part III. Descriptions of Any BMP Deficiencies

Deficiency	Repairs Implemented: Note - Repairs must begin within 72 hours of identification.	
	Start Date	Action
1. silt fence along the W. end and		Replace silt fence as soon as material arrives
2. N. of the park lot needs to be replaced		
3.		
4. Storm drain inlet has debris around it	10/17/12	Sweep debris away from storm drain inlet.

Part IV. Additional Pre-Storm Observations. Note the presence or absence of floating and suspended materials, sheen, discoloration, turbidity, odors, and source(s) of pollutants(s).

	Yes, No, N/A
Do stormwater storage and containment areas have adequate freeboard? If no, complete Part III.	
Are drainage areas free of spills, leaks, or uncontrolled pollutant sources? If no, complete Part VII and describe below.	
Notes:	
Are stormwater storage and containment areas free of leaks? If no, complete Parts III and/or VII and describe below.	
Notes:	

Part II. BMP Observations Continued. Describe any deficiencies in Part III.			
Minimum BMPs for Risk Level 1 Sites	Adequately designed, implemented and effective (yes, no, N/A)	Action Required (yes/no)	Action Implemented (Date)
Good Housekeeping for Landscape Materials			
Stockpiled landscape materials such as mulches and topsoil are contained and covered when not actively in use	N/A		
Erodible landscape material has not been applied 2 days before a forecasted rain event or during an event			
Erodible landscape materials are applied at quantities and rates in accordance with manufacturer recommendations			
Bagged erodible landscape materials are stored on pallets and covered			
Good Housekeeping for Air Deposition of Site Materials			
Good housekeeping measures are implemented on site to control the air deposition of site materials and from site operations	yes	NO	
Non-Stormwater Management			
Non-stormwater discharges are properly controlled	yes	NO	
Vehicles are washed in a manner to prevent non-stormwater discharges to surface waters or drainage systems	yes	NO	
Streets are cleaned in a manner to prevent unauthorized non-stormwater discharges to surface waters or drainage systems.	yes	No	
Erosion Controls			
Wind erosion controls are effectively implemented	yes	NO	
Effective soil cover is provided for disturbed areas inactive (i.e., not scheduled to be disturbed for 10 days per CEC requirements / 14 days per CGP requirements) as well as finished slopes, open space, utility backfill, and completed lots	yes	NO	
The use of plastic materials is limited in cases when a more sustainable, environmentally friendly alternative exists.	yes	No	
Sediment Controls			
Perimeter controls are established and effective at controlling erosion and sediment discharges from the site	yes	NO	
Entrances and exits are stabilized to control erosion and sediment discharges from the site	yes	NO	
Sediment basins are properly maintained	yes	NO	
Limit construction activity to and from site to entrances and exits that employ effective controls to prevent offsite tracking	yes	No	
Ensure all storm, drain inlets and perimeter controls, runoff control BMPs and pollutants controls at entrances and exits	yes	NO	

Part V. Additional During Storm Observations. **If BMPs cannot be inspected during inclement weather, list the results of visual inspections at all relevant outfalls, discharge points, and downstream locations. Note odors or visible sheen on the surface of discharges. Complete Part VII (Corrective Actions) as needed.**	
Outfall, Discharge Point, or Other Downstream Location	
Location	Description
Location	Description
Location	Description
Location	Description
Location	Description
Location	Description
Location	Description
Location	Description

Part VI. Additional Post-Storm Observations. Visually observe (inspect) stormwater discharges at all discharge locations within two business days (48 hours) after each qualifying rain event, and observe (inspect) the discharge of stored or contained stormwater that is derived from and discharged subsequent to a qualifying rain event producing precipitation of ½ inch or more at the time of discharge. Complete Part VII (Corrective Actions) as needed.	
Discharge Location, Storage or Containment Area	**Visual Observation**

Part VII. Additional Corrective Actions Required. Identify any additional corrective actions not included with BMP Deficiencies (Part III) above. Note if SWPPP change is required.	
Required Actions	**Implementation Date**
N/A	

Appendix G **BMP Checklists and Inspection Forms**

BMP INSPECTION REPORT

Date and Time of Inspection: 10/25/2012 7:30 a.m.			Date Report Written: 10/26/2012	
Inspection Type: (Circle one)	Weekly *Complete Parts I,II,III and VII*	Pre-Storm *Complete Parts I,II,III,IV and VII*	During Rain Event *Complete Parts I, II, III, V, and VII*	Post-Storm *Complete Parts I,II,III,VI and VII*

Part I. General Information

Site Information

Construction Site Name: Walnut Creek Energy Park			
Construction stage and completed activities: Vertical Const.			Approximate area of site that is exposed: 25
Photos Taken: (Circle one)	Yes	No	Photo Reference IDs: N/A

Weather

Estimate storm beginning: (date and time) N/A	Estimate storm duration: (hours) N/A
Estimate time since last storm: (days or hours) 14 days	Rain gauge reading and location: (in) 0"

Is a "Qualifying Event" predicted or did one occur (i.e., 0.5" rain with 48-hrs or greater between events)? (Y/N)
If yes, summarize forecast:

Exemption Documentation (explanation required if inspection could not be conducted). Visual inspections are not required outside of business hours or during dangerous weather conditions such as flooding or electrical storms.

Inspector Information

Inspector Name: Claire Jasareno	Inspector Title: Compliance Coordinator
Signature:	Date: 10/26/12

Part II. BMP Observations. Describe any deficiencies in Part III.			
Minimum BMPs for Risk Level 1 Sites	Adequately designed, implemented and effective (yes, no, N/A)	Action Required (yes/no)	Action Implemented (Date)
Good Housekeeping for Construction Materials			
Inventory of products (excluding materials designed to be outdoors)	Yes	No	
Stockpiled construction materials not actively in use are covered and bermed	N/A →		
All chemicals are stored in watertight containers with appropriate secondary containment, or in a completely enclosed storage shed	Yes	No	
Construction materials are minimally exposed to precipitation	Yes	No	
BMPs preventing the off-site tracking of materials are implemented and properly effective	Yes	No	
Good Housekeeping for Waste Management			
Wash/rinse water and materials are prevented from being disposed into the storm drain system	Yes	No	
Portable toilets are contained to prevent discharges of waste	Yes	No	
Sanitation facilities are clean and with no apparent for leaks and spills	Yes	No	
Equipment is in place to cover waste disposal containers at the end of business day and during rain events	No	Yes	
Discharges from waste disposal containers are prevented from discharging to the storm drain system / receiving water	Yes	No	
Stockpiled waste material is securely protected from wind and rain if not actively in use	Yes	No	
Procedures are in place for addressing hazardous and non-hazardous spills	Yes	No	
Appropriate spill response personnel are assigned and trained	Yes	No	
Equipment and materials for cleanup of spills is available on site	Yes	No	
Washout areas (e.g., concrete) are contained appropriately to prevent any discharge or infiltration into the underlying soil	Yes	No	
Good Housekeeping for Vehicle Storage and Maintenance			
Measures are in place to prevent oil, grease, or fuel from leaking into the ground, storm drains, or surface waters	Yes	No	
All equipment or vehicles are fueled, maintained, and stored in a designated area with appropriate BMPs	Yes	No	
Vehicle and equipment leaks are cleaned immediately and disposed of properly	Yes	No	

Part II. BMP Observations Continued. Describe any deficiencies in Part III.			
Minimum BMPs for Risk Level 1 Sites	Adequately designed, implemented and effective (yes, no, N/A)	Action Required (yes/no)	Action Implemented (Date)
Good Housekeeping for Landscape Materials			
Stockpiled landscape materials such as mulches and topsoil are contained and covered when not actively in use	N/A		
Erodible landscape material has not been applied 2 days before a forecasted rain event or during an event	↓		
Erodible landscape materials are applied at quantities and rates in accordance with manufacturer recommendations	↓		
Bagged erodible landscape materials are stored on pallets and covered	↓		
Good Housekeeping for Air Deposition of Site Materials			
Good housekeeping measures are implemented on site to control the air deposition of site materials and from site operations	yes	NO	
Non-Stormwater Management			
Non-stormwater discharges are properly controlled	yes	NO	
Vehicles are washed in a manner to prevent non-stormwater discharges to surface waters or drainage systems	yes	NO	
Streets are cleaned in a manner to prevent unauthorized non-stormwater discharges to surface waters or drainage systems.	yes	No	
Erosion Controls			
Wind erosion controls are effectively implemented	yes	NO	
Effective soil cover is provided for disturbed areas inactive (i.e., not scheduled to be disturbed for 10 days per CEC requirements / 14 days per CGP requirements) as well as finished slopes, open space, utility backfill, and completed lots	yes	NO	
The use of plastic materials is limited in cases when a more sustainable, environmentally friendly alternative exists.	yes	NO	
Sediment Controls			
Perimeter controls are established and effective at controlling erosion and sediment discharges from the site	yes	NO	
Entrances and exits are stabilized to control erosion and sediment discharges from the site	yes	NO	
Sediment basins are properly maintained	yes	NO	
Limit construction activity to and from site to entrances and exits that employ effective controls to prevent offsite tracking	yes	NO	
Ensure all storm, drain inlets and perimeter controls, runoff control BMPs and pollutants controls at entrances and exits	yes	No	

are maintained and protected from activities the reduce their effectiveness			
Inspect all immediate access roads daily	yes	yes	
Run-On and Run-Off Controls			
Run-on to the site is effectively managed and directed away from all disturbed areas.	yes	No	
Other			
Are the project SWPPP and BMP plan up to date, available on-site and being properly implemented?	yes	No	

Part III. Descriptions of Any BMP Deficiencies

Deficiency	Repairs Implemented: Note - Repairs must begin within 72 hours of identification.	
	Start Date	Action
1. trash cans missing lids	10/25/12	Place lids on all trash cans
2. Rocks on public road	Daily	Daily sweeping of road
3.		
4.		

Part IV. Additional Pre-Storm Observations. Note the presence or absence of floating and suspended materials, sheen, discoloration, turbidity, odors, and source(s) of pollutants(s).

	Yes, No, N/A
Do stormwater storage and containment areas have adequate freeboard? If no, complete Part III.	
Are drainage areas free of spills, leaks, or uncontrolled pollutant sources? If no, complete Part VII and describe below.	
Notes:	
Are stormwater storage and containment areas free of leaks? If no, complete Parts III and/or VII and describe below.	
Notes:	

Part V. Additional During Storm Observations. If BMPs cannot be inspected during inclement weather, list the results of visual inspections at all relevant outfalls, discharge points, and downstream locations. Note odors or visible sheen on the surface of discharges. Complete Part VII (Corrective Actions) as needed.	
Outfall, Discharge Point, or Other Downstream Location	
Location	Description
Location	Description
Location	Description
Location	Description
Location	Description
Location	Description
Location	Description
Location	Description

Part VI. Additional Post-Storm Observations. Visually observe (inspect) stormwater discharges at all discharge locations within two business days (48 hours) after each qualifying rain event, and observe (inspect) the discharge of stored or contained stormwater that is derived from and discharged subsequent to a qualifying rain event producing precipitation of ½ inch or more at the time of discharge. Complete Part VII (Corrective Actions) as needed.	
Discharge Location, Storage or Containment Area	**Visual Observation**

Part VII. Additional Corrective Actions Required. Identify any additional corrective actions not included with BMP Deficiencies (Part III) above. Note if SWPPP change is required.	
Required Actions	**Implementation Date**
N/A	

Appendix G **BMP Checklists and Inspection Forms**

BMP INSPECTION REPORT

Date and Time of Inspection: 11/02/2012 9:00 a.m.				Date Report Written: 11/05/2012
Inspection Type: (Circle one)	Weekly *Complete Parts I,II,III and VII*	Pre-Storm *Complete Parts I,II,III,IV and VII*	During Rain Event *Complete Parts I, II, III, V, and VII*	Post-Storm *Complete Parts I,II,III,VI and VII*

Part I. General Information

Site Information

Construction Site Name: Walnut Creek Energy Park			
Construction stage and completed activities: Vertical Construction			Approximate area of site that is exposed: 25
Photos Taken: (Circle one)	Yes	No	Photo Reference IDs:

Weather

Estimate storm beginning: (date and time) N/A	Estimate storm duration: (hours) N/A
Estimate time since last storm: (days or hours) 22 days	Rain gauge reading and location: (in) 0"

Is a "Qualifying Event" predicted or did one occur (i.e., 0.5" rain with 48-hrs or greater between events)? (Y/N)
If yes, summarize forecast:

Exemption Documentation (explanation required if inspection could not be conducted). Visual inspections are not required outside of business hours or during dangerous weather conditions such as flooding or electrical storms.

Inspector Information

Inspector Name: Claire Jasareno	Inspector Title: Compliance Coord.
Signature:	Date: 11/05/2012

Part II. BMP Observations. Describe any deficiencies in Part III.			
Minimum BMPs for Risk Level 1 Sites	Adequately designed, implemented and effective (yes, no, N/A)	Action Required (yes/no)	Action Implemented (Date)
Good Housekeeping for Construction Materials			
Inventory of products (excluding materials designed to be outdoors)	yes	N/A	
Stockpiled construction materials not actively in use are covered and bermed	yes	N/A	
All chemicals are stored in watertight containers with appropriate secondary containment, or in a completely enclosed storage shed	yes	N/A	
Construction materials are minimally exposed to precipitation	yes	N/A	
BMPs preventing the off-site tracking of materials are implemented and properly effective	yes	N/A	
Good Housekeeping for Waste Management			
Wash/rinse water and materials are prevented from being disposed into the storm drain system	yes	N/A	
Portable toilets are contained to prevent discharges of waste	yes	N/A	
Sanitation facilities are clean and with no apparent for leaks and spills	yes	N/A	
Equipment is in place to cover waste disposal containers at the end of business day and during rain events	yes	N/A	
Discharges from waste disposal containers are prevented from discharging to the storm drain system / receiving water	yes	N/A	
Stockpiled waste material is securely protected from wind and rain if not actively in use	yes	N/A	
Procedures are in place for addressing hazardous and non-hazardous spills	yes	N/A	
Appropriate spill response personnel are assigned and trained	yes	N/A	
Equipment and materials for cleanup of spills is available on site	yes	N/A	
Washout areas (e.g., concrete) are contained appropriately to prevent any discharge or infiltration into the underlying soil	yes	N/A	
Good Housekeeping for Vehicle Storage and Maintenance			
Measures are in place to prevent oil, grease, or fuel from leaking into the ground, storm drains, or surface waters	yes	N/A	
All equipment or vehicles are fueled, maintained, and stored in a designated area with appropriate BMPs	yes	N/A	
Vehicle and equipment leaks are cleaned immediately and disposed of properly	yes	N/A	

Part II. BMP Observations Continued. Describe any deficiencies in Part III.			
Minimum BMPs for Risk Level 1 Sites	Adequately designed, implemented and effective (yes, no, N/A)	Action Required (yes/no)	Action Implemented (Date)
Good Housekeeping for Landscape Materials			
Stockpiled landscape materials such as mulches and topsoil are contained and covered when not actively in use	N/A		
Erodible landscape material has not been applied 2 days before a forecasted rain event or during an event	↓		
Erodible landscape materials are applied at quantities and rates in accordance with manufacturer recommendations	↓		
Bagged erodible landscape materials are stored on pallets and covered	↓		
Good Housekeeping for Air Deposition of Site Materials			
Good housekeeping measures are implemented on site to control the air deposition of site materials and from site operations	yes	N/A	
Non-Stormwater Management			
Non-stormwater discharges are properly controlled	yes	N/A	
Vehicles are washed in a manner to prevent non-stormwater discharges to surface waters or drainage systems	No	yes	11/01/2018
Streets are cleaned in a manner to prevent unauthorized non-stormwater discharges to surface waters or drainage systems.	yes	N/A	
Erosion Controls			
Wind erosion controls are effectively implemented	yes	N/A	
Effective soil cover is provided for disturbed areas inactive (i.e., not scheduled to be disturbed for 10 days per CEC requirements / 14 days per CGP requirements) as well as finished slopes, open space, utility backfill, and completed lots	yes	N/A	
The use of plastic materials is limited in cases when a more sustainable, environmentally friendly alternative exists.	yes	N/A	
Sediment Controls			
Perimeter controls are established and effective at controlling erosion and sediment discharges from the site	yes	N/A	
Entrances and exits are stabilized to control erosion and sediment discharges from the site	yes	N/A	
Sediment basins are properly maintained	yes	N/A	
Limit construction activity to and from site to entrances and exits that employ effective controls to prevent offsite tracking	yes	N/A	
Ensure all storm, drain inlets and perimeter controls, runoff control BMPs and pollutants controls at entrances and exits	yes	N/A	

are maintained and protected from activities the reduce their effectiveness			
Inspect all immediate access roads daily	yes	N/A	
Run-On and Run-Off Controls			
Run-on to the site is effectively managed and directed away from all disturbed areas.	yes	N/A	
Other			
Are the project SWPPP and BMP plan up to date, available on-site and being properly implemented?	yes	N/A	

Part III. Descriptions of Any BMP Deficiencies

Deficiency	Repairs Implemented: Note - Repairs must begin within 72 hours of identification.	
	Start Date	Action
1. Silt fence is down at a couple spots	11/02/12	Repair silt fence
2. In the Laydown		
3.		
4.		

Part IV. Additional Pre-Storm Observations. Note the presence or absence of floating and suspended materials, sheen, discoloration, turbidity, odors, and source(s) of pollutants(s).

	Yes, No, N/A
Do stormwater storage and containment areas have adequate freeboard? If no, complete Part III.	
Are drainage areas free of spills, leaks, or uncontrolled pollutant sources? If no, complete Part VII and describe below.	
Notes:	
Are stormwater storage and containment areas free of leaks? If no, complete Parts III and/or VII and describe below.	
Notes:	

Part V. Additional During Storm Observations. **If BMPs cannot be inspected during inclement weather, list the results of visual inspections at all relevant outfalls, discharge points, and downstream locations. Note odors or visible sheen on the surface of discharges. Complete Part VII (Corrective Actions) as needed.**	
Outfall, Discharge Point, or Other Downstream Location	
Location	Description
Location	Description
Location	Description
Location	Description
Location	Description
Location	Description
Location	Description
Location	Description

Part VI. Additional Post-Storm Observations. Visually observe (inspect) stormwater discharges at all discharge locations within two business days (48 hours) after each qualifying rain event, and observe (inspect) the discharge of stored or contained stormwater that is derived from and discharged subsequent to a qualifying rain event producing precipitation of ½ inch or more at the time of discharge. Complete Part VII (Corrective Actions) as needed.	
Discharge Location, Storage or Containment Area	**Visual Observation**

Part VII. Additional Corrective Actions Required. Identify any additional corrective actions not included with BMP Deficiencies (Part III) above. Note if SWPPP change is required.	
Required Actions	**Implementation Date**
N/A	