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## **APPENDIX R**

# **NPDES INDUSTRIAL STORM WATER INVESTIGATION AND CASE DEVELOPMENT WORKSHEET (CONSTRUCTION)**

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**NPDES Industrial Storm Water  
Worksheet (Construction)**

National Database Information				General	
Inspection Type				Inspector Name	
NPDES ID Number				Telephone	
Inspection Date				Entry Time	
Inspector Type <i>(circle one)</i>	EPA	State	EPA Oversight	Exit Time	
Facility Type <i>(circle one)</i>	Commercial/ Industrial	Residential	Municipal	Signature	

Facility Location Information					
Name/Location/ Mailing Address					
GPS Coordinates	Latitude		Longitude		
Receiving Water(s)					
Disturbed Area		Start Date		Stop Date	

Contact Information		
	Name(s)	Telephone
Name(s) and Role(s) of All Parties Meeting the Definition of Operator		
Facility Contact		
Authorized Official(s)		

Site Information: <i>(circle all that apply)</i>							
Nature of Project	Residential	Commercial/ Industrial	Roadway	Private	Federal	State/ Municipal	Other
Construction Stage	Clearing/ Grubbing	Rough Grading	Infrastructure	Building Const.	Final Grading	Final Stabilization	

**NPDES Industrial Storm Water  
Worksheet (Construction)**

<b>Basic Permit Information</b>			<b>Basic SWPPP Information</b>		
Permit Coverage <i>ESO Element 3 &amp; 4</i>	Y	N	SWPPP Prepared & Available <i>ESO Element 5 &amp; 30</i>	Y	N
Permit Type	General	Individual	SWPPP Contents Satisfactory <i>ESO Elements 5 - 31</i>	Y	N
Permit notice/sign visibly posted including: copy of NOI, contact name & phone number, location of SWPPP <i>ESO Element 41</i>	Y	N	SWPPP Implementation Satisfactory <i>ESO Elements 32 - 48</i>	Y	N
NOI Date			SWPPP Date		
If applicable, is waiver certification & approval on file?	Y	N	<i>Intentionally left blank</i>		

<b>SWPPP Review (can be completed in office)</b>			
<b>General</b>	<b>Notes:</b>		
Is there a SWPPP? <i>ESO Element 5</i>	Y	N	
SWPPP completed prior to NOI submission? <i>ESO Element 6</i>	Y	N	
Copy of permit language? <i>ESO Element 25</i>	Y	N	
Is SWPPP consistent with state/tribal/local regulations and permits? <i>ESO Element 26</i>	Y	N	
SWPPP updated to incorporate changes to State, Tribal, Local erosion plans? <i>ESO Element 27</i>	Y	N	
Have copies of inspection reports/all other documentation been retained as part of the SWPPP for 3 years from date permit coverage expires? <i>ESO Element 28</i>	Y	N	
Is a copy of the SWPPP on site or made available? <i>ESO Element 30</i>	Y	N	
Did all "operators" sign/certify the SWPPP? <i>ESO Element 31</i>	Y	N	

### NPDES Industrial Storm Water Worksheet (Construction)

<u>Site Description</u>	<u>Notes:</u>		
SWPPP identifies potential sources of pollution? <i>ESO Element 7</i>	Y	N	
SWPPP identifies all operators and their areas of control? <i>ESO Element 8</i>	Y	N	
Is there a site description? <i>ESO Element 9</i>	Y	N	
Nature/sequence of construction activity? <i>ESO Element 9A - 9B</i>	Y	N	
Total area of site and total area to be disturbed? <i>ESO Element 9C</i>	Y	N	
Is there a general location map? <i>ESO Element 9D</i>	Y	N	
Is there a site map? <i>ESO Element 9E</i>	Y	N	
Drainage patterns/outfalls on site map? <i>ESO Element 9F</i>	Y	N	
Area of soil disturbance on site map? <i>ESO Element 9F</i>	Y	N	
Location of major structural controls on site map? <i>ESO Element 9F</i>	Y	N	
Location of storm water discharges to a surface water on site map? <i>ESO Element 9F</i>	Y	N	
Location of materials or equipment storage on site map (on-site or off-site)? <i>ESO Element 9F</i>	Y	N	
Location/description industrial activities? <i>ESO Element 9G</i>	Y	N	
Name of Receiving water(s) or MS4 listed?	Y	N	<i>Note: Indicate whether receiving water is 303(d) listed.</i>

(Construction)

### NPDES Industrial Storm Water Worksheet (Construction)

<u>Site Description</u>			Notes:
Does the SWPPP include dates of major grading activities, temporary/permanent construction cessation, and initiation of stabilization practices? <i>ESO Element 14</i>	Y	N	
Endangered Species Documentation? <i>ESO Element 23</i>	Y	N	

<u>Controls to Reduce Pollutants</u>			Notes:
Does the SWPPP include a description of all pollution control measures (BMPs) that will be implemented to control pollutants in storm water discharges, including sequence and which operator responsible for implementation? <i>ESO Element 10 A - C</i>	Y	N	
Does the SWPPP include a description of interim and permanent <i>stabilization practices</i> (e.g., seeding, mulching, riprap for the site)? <i>ESO Element 11; 12</i>	Y	N	
Does the SWPPP identify the contractor(s) and timing by which <i>stabilization practices</i> will be implemented? <i>ESO Element 13</i>	Y	N	
Does the SWPPP include a description of <i>structural practices</i> (e.g., vehicle track-out, silt fences, sediment traps, storm drain inlet protection) for the site? <i>ESO Element 15</i>	Y	N	
Does the SWPPP identify the contractor(s) and timing by which <i>structural practices</i> will be implemented? <i>ESO Element 10B - 10C</i>	Y	N	
Does the SWPPP identify storm water management measures to address storm water runoff once the construction is completed (e.g., retention ponds, velocity dissipation controls)? <i>ESO Element 16</i>	Y	N	

(Construction)

### NPDES Industrial Storm Water Worksheet (Construction)

<b>Controls to Reduce Pollutants</b>			<b>Notes:</b>
Does SWPPP describe measures to prevent discharge of dredge/fill materials to waters of the U.S.? Does site have 404 permit? <i>ESO Element 17</i>	Y	N	
Does SWPPP describe measures to minimize off-site vehicle tracking and generation of dust? <i>ESO Element 18</i>	Y	N	
Does SWPPP describe controls for pollutants from storage of construction or waste materials? <i>ESO Element 19</i>	Y	N	
Does the SWPPP describe controls for pollutants from non-construction activities? <i>ESO Element 20</i>	Y	N	
Does SWPPP identify allowable non-storm water discharges? <i>ESO Element 21</i>	Y	N	
Does SWPPP ensure implementation of pollution prevention measures for non-storm water discharges? <i>ESO Element 22</i>	Y	N	
Is SWPPP revised when BMPs added/modified within 7 days after inspection reveals problems? <i>ESO Element 29</i>	Y	N	

<b>Inspections</b>			<b>Notes:</b>
Inspections performed once every 7 days, or every 14 days within 24 hours of a rain event greater 0.5"? <i>ESO Element 32</i>	Y	N	
Inspections performed by qualified personnel? <i>ESO Element 33</i>	Y	N	
All disturbed areas and/or used for storage and exposed to rain inspected? <i>ESO Element 34</i>	Y	N	
All pollution control measures inspected to ensure proper operation? <i>ESO Element 35</i>	Y	N	





**NPDES Industrial Storm Water  
Worksheet (Construction)**

**SWPPP Implementation** *(complete in field)*

**Stabilization Practices**

**List and describe  
stabilization  
practices**  
*ESO Element 43, 48*

*(e.g., seeding, mulching, geotextiles, sod stabilization)*

**NPDES Industrial Storm Water  
Worksheet (Construction)**

**Stabilization Practices**

<p><b>Are stabilization measures initiated no more than 14 days after temporary or permanent construction cessation?</b> <i>ESO Element 46</i></p>	<p><i>(e.g., indicate "yes" or "no"; if "yes", how long without stabilization measures?)</i></p>
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**NPDES Industrial Storm Water  
Worksheet (Construction)**

<b>Structural Practices</b>	
<p><b>List and describe structural controls</b> ESO Element 42, 43, 47</p>	<p><i>(e.g., silt fences, hay bales, storm drain inlet protection, sedimentation pond, rip rap, check dam, diversion structure, off-site vehicle track-out)</i></p>
<b>Non-Structural Practices</b>	
<p><b>Street Cleaning</b> ESO Element 44</p>	<p><i>(e.g., describe measures taken to remove offsite accumulation of sediment)</i></p>

**NPDES Industrial Storm Water  
Worksheet (Construction)**

<b>Non-Structural Practices</b>	
<p><b>Good Housekeeping &amp; Waste Disposal Practices</b> ESO Element 45</p>	<p><i>(e.g., describe measures taken to prevent litter and debris from becoming a pollutant source)</i></p>
<p><b>Equipment Wash/Maintenance Area</b> ESO Elements 43</p>	<p><i>(provide brief description)</i></p>
<p><b>Concrete Washout Areas</b> ESO Elements 43</p>	<p><i>(provide brief description)</i></p>

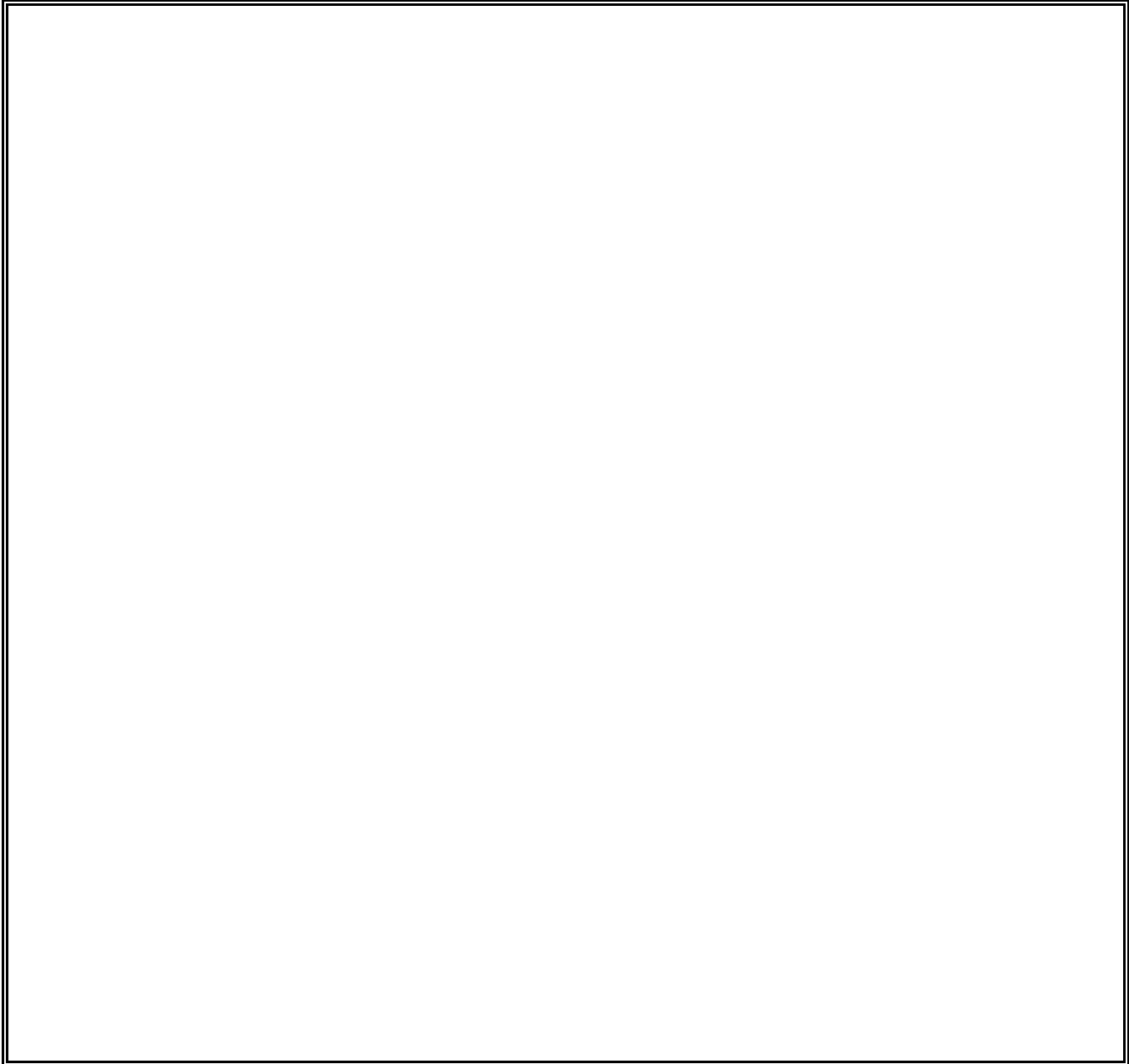
**NPDES Industrial Storm Water  
Worksheet (Construction)**

<b>Miscellaneous</b>	
<p><b>Evidence of Sediment Deposition to Surface Waters</b> *ESO Eligibility - if "yes," site not eligible for ESO</p>	<p><i>(e.g., significant turbidity observed in a receiving water body)</i></p>
<p><b>Pollution prevention measures for non-storm water discharges?</b> *ESO Eligibility - If evidence of non-allowable non-storm water discharges, site not eligible for ESO</p>	<p><i>(provide brief description and determine whether/if non-storm water discharges allowable)</i></p>
<p><b>Has implementation of additional/modified BMPs been completed before next anticipated storm event?</b> ESO Element 43.C.1</p>	<p><i>(provide brief description)</i></p>

**NPDES Industrial Storm Water  
Worksheet (Construction)**

Notes on SWPPP Implementation

**NPDES Industrial Storm Water  
Worksheet (Construction)**



<b>Photograph Log</b>	
1.	*Insert additional rows as needed