



Title: Nampa - Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 1 of 50	
Applicable to Location(s): Nampa	Owner (Group or Department) EHS	

The information contained and disclosed in this document is the property of Semiconductor Components Industries LLC and its subsidiaries (SCI) and SCI retains all rights therein. Except as specifically authorized in writing by SCI, the user of this document shall 1) treat the information as ON Semiconductor Internal Use Only; 2) keep all information contained herein from unauthorized disclosure and dissemination unless mandatory (e.g. as required for a third party audit) & only after executing an NDA; 3) ensure that the latest approved revision is being used; 4) only use the information for the sole benefit of SCI; and 5) promptly return or destroy this information

Table of Contents:

1.0	Purpose and Scope	3
1.1	Stormwater Pollution Prevention Plan	3
1.2	Person(s) Responsible for SWPPP Preparation	3
1.3	Contents of SWPPP	4
2.0	Document Information	4
2.1	Reference Documents	4
2.2	Definitions and Acronyms	4
2.3	Records	5
3.0	Safety	5
3.1	Nampa Safety Documents	5
3.2	Chemical Hazards	6
3.3	Personal Protective Equipment (PPE) Requirements	6
3.4	Activity-specific Safety Information	6
4.0	Roles and Responsibilities	6
4.1	Stormwater Pollution Prevention Team	6
4.2	Responsible Official Signature	7
5.0	Procedure	8
5.1	Site Description	8
5.2	Activities at the Facility	9
5.3	General Location Map	11
5.4	Site Map	12
6.0	Summary of Potential Pollutant Sources	12
6.1	Activities in the Area	13
6.2	Pollutants	13
6.3	Spills and Leaks	13
6.4	Unauthorized Non-Stormwater Discharges	14
6.5	Salt Storage (MSGP Section 5.2.3.5)	15
6.6	Sampling Data (MSGP Section 5.2.3.6)	15
7.0	Control Measures to Meet Effluent Limits	16
7.1	Control Measures	16
7.2	Effluent Limits	16

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 2 of 50	

8.0 Schedules and Procedures16

8.1 Pertaining to Control Measures Used to Comply with the Effluent Limits16

8.2 Pertaining to Inspections and Assessments18

8.3 Pertaining to Monitoring21

9.0 Eligibility Considerations under Other Federal Laws (MSGP 5.2.6) . .23

9.1 Regarding Endangered and Threatened Species and Critical Habitat Protection23

9.2 Regarding Historic Properties24

10.0 Requirements, Modifications, and Availability24

10.1 Signature Requirements (MSGP 5.2.7).24

10.2 Required SWPPP Modifications (MSGP 5.3).24

10.3 SWPPP Availability (MSGP 5.4).24

10.4 Additional Documentation Requirements25

10.5 Corrective action documentation.26

10.6 Deviation Report for Multi Sector General Permit28

11.0 Training and Certification28

12.0 Appendices29

Appendix A Significant Industrial Materials and Activities Matrix.29

Appendix B Certification of Non-Stormwater Discharge30

Appendix C Mason Creek33

Appendix D IPaC Report for Threatened and Endangered Species35

Appendix E National Register of Historic Places in Nampa, Idaho49

13.0 Revision History50

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 3 of 50	

1.0 Purpose and Scope

Aptina, LLC, an ON Semiconductor Group Company (ON Semiconductor or ON) operates a semiconductor manufacturing plant located at 1401 N. Kings Road, Nampa, Idaho (Facility). The Facility is located in an arid climate with seasonal rain, snow, and snowmelt. The average precipitation for the area is less than 10 inches per year. On average, March is typically the wettest month whereas August is the driest month.

The U.S. Environmental Protection Agency (EPA) issued a National Pollutant Discharge Elimination System (NPDES) Multi Sector General Permit (MSGP) for stormwater discharges associated with industrial activity that became effective on June 4, 2015.

Under EPA's issuance of the 2015 MSGP, ON has developed this Stormwater Pollution Prevention Plan (SWPPP) in accordance with the requirements of the 2015 permit.

1.1 Stormwater Pollution Prevention Plan

The operator must prepare a SWPPP for the Facility before submitting a Notice of Intent (NOI) for permit coverage. Since the operator was operating the Facility under the 2008 MSGP, the operator must review and update the SWPPP to implement all provisions of the 2015 MSGP prior to submitting an NOI. The SWPPP is intended to document the selection, design, and installation of control measures to meet the permit's effluent limits. Effluent limitations are contained in Parts 2, 8, and 9 of the 2015 MSGP. As distinct from the SWPPP, the additional documentation requirements (see Part 5.5 of the 2015 MSGP) are intended to document the implementation (including inspection, maintenance, monitoring, and corrective action) of the permit requirements.

Any discharges not expressly authorized in this permit cannot become authorized or shielded from liability under Clean Water Act (CWA) section 402(k) by disclosure to EPA, state, or local authorities after issuance of this permit via any means, including but not limited to the NOI to be covered by the permit, the SWPPP, or during an inspection.

1.2 Person(s) Responsible for SWPPP Preparation

The SWPPP shall be prepared in accordance with good engineering practices and to industry standards. The SWPPP may be developed by either a staff member or a third party, but it must be developed by a "qualified person"* and must be certified per the signature requirements in Part 5.2.7 of the 2015 MSGP. If EPA concludes that the SWPPP is not in compliance with Part 5.2 of the 2015 MSGP, EPA may require the SWPPP to be reviewed, amended as necessary, and certified by a professional engineer (or, for Sector G, H or J, by a professional geologist) with the education and experience necessary to prepare an adequate SWPPP.

* A "qualified person" is a person knowledgeable in the principles and practices of industrial stormwater controls and pollution prevention, and who possesses the education and ability to assess conditions at the industrial facility that could impact stormwater quality, and the effectiveness of stormwater controls selected and installed to meet the requirements of the permit.

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 4 of 50	

1.3 Contents of SWPPP

For coverage under this permit, the SWPPP must contain all of the following elements:

- Stormwater pollution prevention team (see Part 5.2.1 of the 2015 MSGP)
- Site description (see Part 5.2.2 of the 2015 MSGP)
- Summary of potential pollutant sources (see Part 5.2.3 of the 2015 MSGP)
- Description of control measures (see Part 5.2.4 of the 2015 MSGP)
- Schedules and procedures (see Part 5.2.5 of the 2015 MSGP)
- Documentation to support eligibility considerations under other federal laws (see Part 5.2.6 of the 2015 MSGP)
- Signature requirements (see Part 5.2.7 of the 2015 MSGP)

Where the SWPPP refers to procedures in other facility documents, such as a Spill Prevention, Control, and Countermeasure (SPCC) Plan or an Environmental Management System (EMS), copies of the relevant portions of those documents must be kept with the company SWPPP.

2.0 Document Information

2.1 Reference Documents

Document Number	Document Title
2015 MSGP	2015 Multi-Sector General Permit - EPA Stormwater
12MNP11858G	Nampa - Environmental Analytical & Visual Sampling Procedure
19FNP16921G	Nampa - MSGP Quarterly Visual Stormwater Examination
19FNP07720G	Nampa - MSGP SWPPP & SPCC Routine Inspection Form
12MNP8023D419	Nampa - Personal Protective Equipment (PPE) Catalog
12MNP8243F89D	Nampa - Spill Prevention, Control, & Countermeasure (SPCC) Plan

2.2 Definitions and Acronyms

Acronym/Term	Definition
BMPs	Best Management Practices
CBI	Confidential Business Information
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CFR	Code of Federal Regulations
CWA	Clean Water Act
DMR	Discharge Monitoring Report
EMS	Environmental Management System
EPA	US Environmental Protection Agency
EPCRA	Emergency Planning and Community Right-to Know Act

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 5 of 50	

Acronym/Term	Definition
IPaC	Information for Planning and Conservation
MS4	Municipal Separate Storm Sewer System
MSGP	Multi Sector General Permit
NMFS	National Marine Fisheries Service
NOE	No Exposure Certification
NOI	Notice of Intent
NOT	Notice of Termination
NPDES	National Pollutant Discharge Elimination System
ON	ON Semiconductor Group Company
SIC	Standard Industrial Classification
SPCC	Spill Prevention Control and Countermeasure
SWPPP	Stormwater Pollution Prevention Plan
TMDL	Total Maximum Daily Load
ug/L	micrograms per liter
USFWS	US Fish and Wildlife Service

2.3 Records

This section records any outputs created by these instructions as well as records for any training requirements. Details of specific training requirements are in [Section 11.0 Training and Certification](#).

Record Identity (title of record, or description)	Record Location (Web location or office location where hard/soft copy resides)	Record Owner (dept. and / or title of owner)	Record Index (e.g., date, lot number, part number)	Record Retention Period (how long kept)
Annual Audit via PM Work Order UVB-7435	Oracle eAM Asset Activity	Facilities	Annual- Via PM Asset Activity in Oracle eAM	per SOP4-15
Completed Inspection Forms	Environmental Cubicle	EHS	Date	per SOP4-15
Deviation and Corrective Action Reports	Environmental Cubicle	EHS	Date	per SOP4-15
Stormwater Sampling Reports	SharePoint	EHS	Date	per SOP4-15
See Section 11.0	Learning +	Training	Employee, Course, Date	per SOP4-15

3.0 Safety

3.1 Nampa Safety Documents

To access Nampa Site safety documents, see [DocServer](#).

Electronic versions are uncontrolled except when accessed directly from the Document Repository.

Printed versions are uncontrolled except when stamped "CONTROLLED COPY."

TEM001737 Revision E

ON Semiconductor Internal Use Only

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 6 of 50	

3.2 Chemical Hazards

Chemicals are identified in specific work instructions.

To view the SDSs for chemicals, go to [MSDSOnline](#). Choose the Location of Nampa before starting a search.

- Search by the name of the chemical on the container.
- Chemicals may be searched under generic synonyms like resist, paint, etc.

3.3 Personal Protective Equipment (PPE) Requirements

PPE requirements are outlined in the specific work instructions. Pictures and inventory part numbers are available in the *Personal Protective Equipment (PPE) Catalog* ([12MNP8023D419](#)).

3.4 Activity-specific Safety Information

Activity specific safety information is identified in specific work instructions.

4.0 Roles and Responsibilities

4.1 Stormwater Pollution Prevention Team

The operator must identify the staff members (by name or title) that comprise the facility's stormwater pollution prevention team as well as their individual responsibilities ([Table 1](#)). The stormwater pollution prevention team is responsible for overseeing development of and modifications to the SWPPP, implementing and maintaining control measures, and taking corrective actions when required. Each member of the stormwater pollution prevention team must have ready access to either an electronic or paper copy of applicable portions of this permit, the most updated copy of the company SWPPP, and other relevant documents or information that must be kept with the SWPPP.

Table 1: SWPPP Team Members and Responsibilities

Title	Responsibilities
Nampa General Manager	Serves as the responsible corporate officer with signatory authority for MSGP Notices of Intent, Notices of Termination, and reports.
Nampa Facilities Operations Manager	• Oversees general operation and maintenance of the Nampa facility, including stormwater systems and controls, environmental, safety, and security. Serves as the duly authorized representative and main point of contact for the MSGP. • Merges environmental aspects of site operations to ensure compliance with applicable environmental laws and regulations, including MSGP requirements. Duly authorized representative with signatory authority for MSGP reports. • Oversees design, construction, operation, and maintenance of the site's water supply, chemical distribution systems, and wastewater systems.
Nampa EHS	Monitors MSGP compliance and ensures implementation and maintenance of MSGP SWPPP (e.g., routine inspections, quarterly monitoring)

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 7 of 50	

Title	Responsibilities
Nampa Facilities Technicians	- Oversees operation and maintenance of site facilities, including stormwater systems and controls. - On-call lead technician oversees emergency response coordination and response during an event as a first responder

4.2 Responsible Official Signature

As specified in the 2015 Multi Sector General Permit (MSGP) Appendix B part 11.A.1 Notice of Intent (NOIs), Notice of Termination (NOTs), and No Exposure Certification (NOEs) must be signed as follows:

- 4.2.1 By a responsible corporate officer. For the purpose of this subsection, a responsible corporate officer means: (i) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy- or decision-making functions for the corporation, or (ii) the manager of one or more manufacturing, production, or operating facilities, provided, the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

Mitchell Mooney [Signature] Nampa GM 10/10/2016
(Name of responsible officer) (Signature) (Title) (Date)

- 4.2.2 Per the 2015 MSGP Appendix B, Part 11.B:

The Stormwater Pollution Prevention Plan (SWPPP), including changes to the SWPPP to document any corrective actions taken as required by Part 3.1 of the 2015 MSGP, and any other compliance documentation required under this permit, including the Annual Report, Discharge Monitoring Report (DMRs), inspection reports, and corrective action reports, must be signed by a person described in Appendix B, Subsection 11.A above or by a duly authorized representative of that person.

Shane Brown [Signature] Facility Manager 10-10-2016
(Name of representative officer) (Signature) (Title) (Date)

Michelle McMullen [Signature] EHS Engineer 10-10-2016
(Name of responsible officer) (Signature) (Title) (Date)

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 8 of 50	

5.0 Procedure

5.1 Site Description

The SWPPP must include the following:

- 5.1.1 Activities at the Facility. Provide a description of the nature of the industrial activities at the facility
- 5.1.2 General location map. Provide a general location map (for example, U.S. Geological Survey [USGS] quadrangle map) with enough detail to identify the location of your facility and all receiving waters for your stormwater discharges
- 5.1.3 Site map - provide a map showing:
 - 5.1.3.1 Boundaries of the property and the size of the property in acres
 - 5.1.3.2 Location and extent of significant structures and impervious surfaces
 - 5.1.3.3 Directions of stormwater flow (use arrows)
 - 5.1.3.4 Locations of all stormwater control measures
 - 5.1.3.5 Locations of all receiving waters, including wetlands, in the immediate vicinity of the facility. Indicate which waterbodies are listed as impaired and which are identified by state, tribe, or EPA as Tier 2, Tier 2.5, or Tier 3 waters
 - 5.1.3.6 Locations of all stormwater conveyances including ditches, pipes, and swales
 - 5.1.3.7 Locations of potential pollutant sources identified under Part 5.2.3.2
 - 5.1.3.8 Locations where significant spills or leaks identified under Part 5.2.3.3 have occurred
 - 5.1.3.9 Locations of all stormwater monitoring points
 - 5.1.3.10 Locations of stormwater inlets and outfalls, with a unique identification code for each outfall (for example, Outfall 001, 002), indicating if one or more outfalls are being treated as "substantially identical" under Parts 3.2.3, 5.2.5.3, and 6.1.1, and an approximate outline of the areas draining to each outfall
 - 5.1.3.11 Municipal separate storm sewer system MS4s and where stormwater discharges to them if applicable
 - 5.1.3.12 Areas of designated critical habitat for endangered or threatened species, if applicable

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 9 of 50	

5.1.3.13 Locations of the following activities where such activities are exposed to precipitation:

- fueling stations
- vehicle and equipment maintenance and/or cleaning areas
- loading/unloading areas
- locations used for the treatment, storage, or disposal of wastes
- liquid storage tanks
- processing and storage areas
- immediate access roads and rail lines used or traveled by carriers of raw materials, manufactured products, waste material, or by-products used or created by the facility
- transfer areas for substances in bulk
- machinery
- locations and sources of run-on to site from adjacent property that contains significant quantities of pollutants

5.2 Activities at the Facility

Per Table D-1 in Appendix D of the 2015 MSGP, ON is operating the Nampa facility per industrial activity AC1: Electronic and Electrical Equipment and Components, Except Computer Equipment based on its Standard Industrial Classification (SIC) code of 3612-3699. Of the industrial activities defined in 40 Code of Federal Regulations (CFR) 122.26(b)(14), those potentially present at the site include the following:

- Industrial plant yards
- Access roads used or traveled by carriers of raw materials, manufactured products, waste material, or by-products used or created by the facility
- Material handling sites
- Sites used for the storage and maintenance of material-handling equipment
- Sites used for residual treatment, storage, or disposal
- Shipping and receiving areas
- Manufacturing buildings
- Storage areas (including tank farms) for raw materials, and intermediate and final products

[Table 2](#) provides a summary of the industrial activities at the Facility.

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number:	Revision:
	12MNP06389G	F
	Page 10 of 50	

Table 2: Facility Industrial Activities with Potential for Spill/Leaks

All locations: • Potential for Spills/Leaks: Yes • Existing Controls (Pretreatment at Outfall): Drop inlets, stormwater pond, pond overflow to vegetated areas • Discharge Point: Stormwater pond overflow, followed by overland flow to southwest corner of property			
Location	Description/Activities	Potential Pollutants	Existing Controls (Source)
Cooling Towers	Cooling Towers	Chemically treated cooling water, Propylene and Ethylene glycol	Spill response procedures, monthly inspections, PMs
Chemical Storage (Climate Controlled)	Chemical storage	Chemical spills	Spill response procedure, monthly inspections
Between Emergency Generators and Cooling Towers	Transformers (4)	Mineral oil	
N2 Plant	Equipment (e.g., compressors)	Oils/grease	
East Parking Lot	Employee vehicle parking	Oils/grease, metals	
North Parking Lot	Employee vehicle parking	Oils/grease, metals	
South Laydown Area	Material storage	Metals, solids	
South Parking Lot	Employee vehicle parking	Oils/grease, metals	
Near Dock 1-A (Chemical Storage Area)	Emergency generators (2)	Diesel fuel, ethylene glycol, lubricating oil	
Dock 1-A	Unloading area	Litter	
Dock 1-C	Municipal waste compactor - material storage	Hydraulic fluid, litter	
Dock 1-C	Dock - material delivery/removal	Hydraulic fluid, litter	Spill response procedure, monthly inspections, trench drain
Dock 1-D	Chemical loading/unloading	Chemical spills, hydraulic fluid, litter	
Dock 1-D	Recycling bin	Metals, oils, coolants	
Dock 1-D	Refuse bin	Litter	Clean and sweep area
Plantwide	Asphalt sitewide, sidewalks, parking lots; repair and replacement of sidewalks, asphalt, parking lots, including asphalt/concrete-cutting activities, routine cleaning of sidewalks, asphalt, parking lots involving dry-cut activities	Solids	

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 11 of 50	

All locations:

- **Potential for Spills/Leaks:** Yes
- **Existing Controls (Pretreatment at Outfall):**
Drop inlets, stormwater pond, pond overflow to vegetated areas
- **Discharge Point:** Stormwater pond overflow, followed by overland flow to southwest corner of property

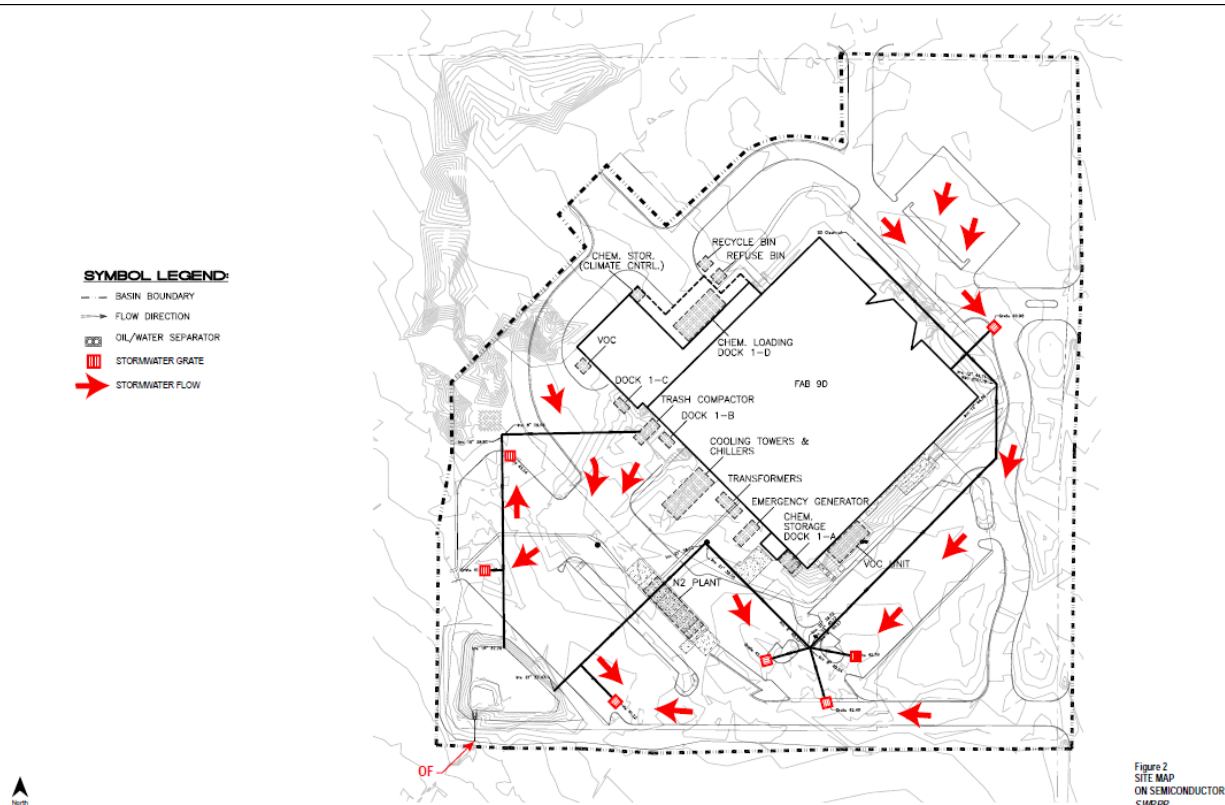
Location	Description/Activities	Potential Pollutants	Existing Controls (Source)
Plantwide	Asphalt sitewide, sidewalks, parking lots; repair and replacement of sidewalks, asphalt, parking lots, including asphalt/concrete-cutting activities, routine cleaning of sidewalks, asphalt, parking lots involving wet-cut activities	Solids	Berm area of maintenance work to filter solids associated with potential asphalt/concrete-cutting activities, protect local drop inlet with filter

5.3 General Location Map



ON Semiconductor Stormwater Pollution Prevention Plan	Document Number:	Revision:
	12MNP06389G	F
	Page 12 of 50	

5.4 Site Map



6.0 Summary of Potential Pollutant Sources

The operator must describe areas at the facility where industrial materials or activities are exposed to stormwater or from which allowable non-stormwater discharges originate. Industrial materials or activities include, but are not limited to: material handling equipment or activities; industrial machinery; raw materials; industrial production and processes; and intermediate products, by-products, final products, and waste products. Material handling activities include, but are not limited to: the storage, loading and unloading, transportation, disposal, or conveyance of any raw material, intermediate product, final product or waste product. For structures located in areas of industrial activity, be aware that the structures themselves are potential sources of pollutants. This could occur, for example, when metals such as aluminum or copper are leached from the structures as a result of acid rain.

The Significant Industrial Materials and Activities Matrix provided in [Appendix A](#) identifies each separate area of the site where industrial materials or activities are exposed to stormwater, and a description of the activities and pollutants for each listed area. Not all listed areas may be deemed significant, but this matrix is overly inclusive. This matrix also includes potential pollutant sources for which the site has reporting requirements under Section 312 of the Emergency Planning and Community Right-to-Know Act (EPCRA).

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 13 of 50	

The areas identified in the Significant Industrial Materials and Activities Matrix have been assessed for potential risk to the quality of stormwater runoff from the site. Based on the type and quantity of materials involved, likelihood of spills/leaks (as evidenced by historical data), and location/proximity to stormwater conveyance units, the activities that pose the highest level of risk to stormwater quality are bulk material-transfer activities and storage and dock material delivery/removal. However, the existing structural and non-structural controls for these activities, as described in the Significant Industrial Materials and Activities Matrix, mitigate the risk to stormwater quality to an acceptable level.

6.1 Activities in the Area

- 6.1.1 A list of the industrial activities exposed to stormwater (e.g., material storage; equipment fueling, maintenance, and cleaning; cutting steel beams).
- 6.1.2 The Significant Industrial Materials and Activities Matrix in [Appendix A](#) lists the industrial activities exposed to stormwater at the Facility.

6.2 Pollutants

- 6.2.1 A list of the pollutant(s) or pollutant constituents (e.g., crankcase oil, zinc, sulfuric acid, cleaning solvents) associated with each identified activity, which could be exposed to rainfall or snowmelt and could be discharged from the ON Facility. The pollutant list must include all significant materials that have been handled, treated, stored or disposed, and that have been exposed to stormwater in the three years prior to the date of preparation date of this SWPPP.
- 6.2.2 The Significant Industrial Materials and Activities Matrix in [Appendix A](#) lists the pollutants associated with each identified activity where potential spills and leaks could occur that could contribute pollutants to stormwater discharges, and the corresponding outfall that would be affected by such spills and leaks.

6.3 Spills and Leaks

- 6.3.1 Document where potential spills and leaks could occur that could contribute pollutants to stormwater discharges, and the corresponding outfall(s) that would be affected by such spills and leaks. Document all significant spills and leaks of oil or toxic or hazardous substances that actually occurred at exposed areas, or that drained to a stormwater conveyance, in the three years prior to the date of preparing this SWPPP*.
- 6.3.2 * Significant spills and leaks include, but are not limited to, releases of oil or hazardous substances in excess of quantities that are reportable under CWA section 311 (see 40 CFR 110.6 and 40 CFR 117.21) or section 102 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), 42 USC §9602. This permit does not relieve you of the reporting requirements of 40 CFR 110, 40 CFR 117, and 40 CFR 302 relating to spills or other releases of oils or hazardous substances.
- 6.3.3 ON took control of the Facility on August 1, 2014. Since that time, no spills have occurred that would meet the definition of a significant spill as defined in the MSGP.

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 14 of 50	

6.4 Unauthorized Non-Stormwater Discharges

- 6.4.1 Document an evaluation for the presence of unauthorized non-stormwater discharges (see Part 1.1.3 of the 2015 MSGP for the exclusive list of authorized non-stormwater discharges under this permit).
- 6.4.2 Documentation must include:
- The date of the evaluation
 - A description of the evaluation criteria used
 - A list of the outfalls or onsite drainage points that were directly observed during the evaluation
 - The action(s) taken, such as a list of control measures used to eliminate unauthorized discharge(s), or documentation that a separate NPDES permit was obtained. For example, a floor drain was sealed, a sink drain was re-routed to sanitary, or an NPDES permit application was submitted for an unauthorized cooling water discharge.
- 6.4.3 Allowable sources of non-stormwater discharges that may be present at the site are listed below and appear as indicated on the site map in [Section](#) :
- Discharges from fire-fighting activities
 - Fire hydrant flushings
 - Potable water, including water line flushings
 - Uncontaminated condensate from air conditioners, coolers, and other compressors and from outside storage of refrigerated gases or liquids
 - Irrigation drainage
 - Landscape watering provided all pesticides, herbicides, and fertilizer have been applied in accordance with the approved labeling
 - Pavement wash waters where no detergents are used and no spills or leaks of toxic or hazardous materials have occurred (unless all spilled material has been removed)
 - Routine external building wash down that does not use detergents
 - Uncontaminated ground water or spring water
 - Foundation or footing drains where flows are not contaminated with process materials
 - Incidental windblown mist from cooling towers that collects on rooftops or adjacent portions of the facility, but not intentional discharges from the cooling tower (e.g., “piped” cooling tower blowdown or drains)
- 6.4.4 These sources/activities may occur in various locations throughout the ON Facility, and non-stormwater discharges may occur at the Facility's stormwater outfall. Other management practices for non-stormwater discharges include the following:
- 6.4.5 Detergents are not used in outdoor cleaning applications at the site unless the water is contained and not allowed to discharge to the stormwater system
- 6.4.6 Pesticides, herbicides, and fertilizer are used in accordance with the approved labeling and procedures

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number:	Revision:
	12MNP06389G	F
	Page 15 of 50	

6.4.7 Non-stormwater discharges not authorized by an NPDES permit are not allowed to discharge to stormwater.

6.4.8 Certifications of non-stormwater discharges for the site are provided in [Appendix B](#).

6.5 Salt Storage (MSGP Section 5.2.3.5).

6.5.1 Document the location of any storage piles containing salt used for deicing or other commercial or industrial purposes.

6.5.2 To provide safe travel conditions for employees, contractors, vendors, and visitors during the winter months, ON must maintain Facility roadways by removing and preventing the accumulation of snow and ice. ON uses a combination of sand, liquid anti-icing/deicing agents, and granular anti-icing/deicing agents to maintain the roadways and walkways throughout the site. The use of sand during ice/snow events will potentially require additional site sweeping and/or sump cleanouts.

6.5.3 To minimize the impact to stormwater quality, ON employs the following best management practices (BMPs) for snow/ice melt applications:

- No bulk salt storage piles are allowed onsite
- Select deicers and anti-icers that cause the least adverse environmental impact
- Apply deicers and anti-icers only as needed, using minimum quantities and adhering to manufacturers and industry standards of use and application
- Increase roadway cleaning, as necessary, in early spring to help remove particulates from road surfaces
- Store bulk granular deicing and anti-icing agents under cover and on impervious surfaces (if covered areas are not available, secured tarpaulins may be used)
- Bagged granular deicing chemicals are stored on pallets, within covered storage areas
- Store bulk liquid deicing and anti-icing agents in poly tanks, and inspect them monthly during stormwater inspections
- Monitor for the presence of deicing and anti-icing agents at outfall locations during monthly stormwater inspections

6.6 Sampling Data (MSGP Section 5.2.3.6).

6.6.1 Existing dischargers must summarize all stormwater discharge sampling data collected at the facility during the previous permit term. The summary shall include a narrative description (and may include data tables/figures) that adequately summarizes the collected sampling data to support identification of potential pollution sources at your facility. New dischargers and new sources must provide a summary of any available stormwater runoff data they may have.

6.6.2 Since ON became the operator at the Facility on August 1, 2014, there has been a maximum of two discharges per year from the outfall. A sample of the discharge is collected and inspected for any signs of contamination per Section 3.2.1 and 3.2.3 of the 2008 MSGP. The visual observations of the sample were documented and stored in the SWPPP binder maintained at the ON facility.

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 16 of 50	

7.0 Control Measures to Meet Effluent Limits

This section addresses control measures to meet technology-based and water quality-based effluent limits.

7.1 Control Measures

Document the location and type of control measures specifically chosen and/or designed to comply with:

- 7.1.1 Non-numeric technology-based effluent limits in Part 2.1.2 of the 2015 MSGP
- 7.1.2 Applicable numeric effluent limitations guidelines-based limits in Part 2.1.3 and Part 8 of the 2015 MSGP
- 7.1.3 Water quality-based effluent limits in Part 2.2 of the 2015 MSGP
- 7.1.4 Any additional measures that formed the basis of eligibility regarding threatened and endangered species, historic properties, and/or federal CERCLA Site requirements in Part 2.3 of the 2015 MSGP
- 7.1.5 Applicable effluent limits in Parts 8 and 9 of the 2015 MSGP
- 7.1.6 Regarding control measures, document as appropriate:
 - How the selection and design considerations in Part 2.1.1 of the 2015 MSGP was addressed
 - How pollutant sources identified in Part 5.2.3 of the 2015 MSGP was addressed

7.2 Effluent Limits

Effluent limit requirements in Part 2.1.2 of the 2015 MSGP that do not involve the site-specific selection of a control measure or are specific activity requirements (e.g., “cleaning catch basins when the depth of debris reaches two-thirds (2/3) of the sump depth and keeping the debris surface at least six inches below the lowest outlet pipe”) are marked with an asterisk (*). For the requirements marked with an asterisk, you may include extra information, or just “cut-and-paste” these effluent limits verbatim into your SWPPP without providing additional documentation.

8.0 Schedules and Procedures

8.1 Pertaining to Control Measures Used to Comply with the Effluent Limits

The following must be documented in the SWPPP:

- 8.1.1 Good Housekeeping (MSGP Section 2.1.2.2) - A schedule or the convention used for determining when pickup and disposal of waste materials occurs. Also provide a schedule for routine inspections for leaks and conditions of drums, tanks and containers.
- 8.1.2 ON's historic practices related to minimizing exposure of industrial materials and activities to stormwater and maintaining exposed areas of the site in a clean, orderly manner are summarized below.

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 17 of 50	

- Do not wash or hose materials down the site's storm drains.
- Report any outdoor spills/releases to the Security Control room and environmental group, and initiate cleanup immediately.
- Provide an adequate number of waste receptacles and storage dumpsters/bins to service the site and ensure they are sized appropriately.
- Arrange for a sweeper truck to perform sitewide sweeping (as necessary).
- Locate storage bins/dumpsters and containers in areas with adequate space to facilitate material handling and allow access for inspections.
- Schedule collection of storage bins/dumpsters at the frequency needed to minimize overflow.
- Only use chemicals that have been approved for the area.
- Ensure storage containers are properly labeled and in good condition.
- Store containers in accordance with manufacturers' instructions to avoid damage.
- Store liquids in containers with closed lids and no outside residue.
- Routinely inspect outdoor drums, containers, and tanks for leaks and other compromised conditions.
- Use enclosed compactor for general trash.
- Store hazardous waste regulated under the Resource Conservation and Recovery Act (RCRA) in accordance with the requirements in 40 CFR 260 - 265 (e.g., secondary containment for hazardous waste tanks).
- The hazardous chemical delivery dock is covered to shelter the area from precipitation. A drain in the trench at the dock is in the closed position to keep any spilled liquids from entering the stormwater system. Before draining the area, verify that the liquid in the trench contains only stormwater (i.e., not spilled material).
- Design new projects to prevent run-on onto developed industrial areas.
- Utilize drip pans, spill clean-up materials, and storm drain covers in vehicle maintenance and staging areas.
- Clean up spills, preferably using dry methods.
- Drain liquids from equipment before placement in boneyard.
- Perform cleaning operations (i.e., equipment cleaning, decontamination, vehicle cleaning) inside buildings where drains lead to the industrial wastewater treatment system.
- Pick up waste materials (trash/debris) on a regular schedule.
- Check for leaks and conditions of drums and containers in hazardous waste storage areas weekly.
- Check tanks daily for leaks and conditions.

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 18 of 50	

8.1.3 Maintenance (MSGP Section 2.1.2.3)

Preventative maintenance procedures, including regular inspections, testing, maintenance and repair of all control measures to avoid situations that may result in leaks, spills, and other releases, and any back-up practices in place should a runoff event occur while a control measure is off-line. The SWPPP shall include the schedule or frequency for maintaining all control measures used to comply with the effluent limits in Part 2 of the 2015 MSGP.

8.1.4 Spill Prevention and Response Procedures (MSGP Section 2.1.2.4)

Procedures for preventing and responding to spills and leaks, including notification procedures. For preventing spills, include in the SWPPP the control measures for material handling and storage, and the procedures for preventing spills that can contaminate stormwater. Also specify cleanup equipment, procedures and spill logs, as appropriate, in the event of spills. Reference the existence of other plans for SPCC developed for the facility under section 311 of the CWA or BMP programs otherwise required by an NPDES permit for the facility, provided that a copy of that other plan is kept onsite and made available for review consistent with Part 5.4 of the 2015 MSGP.

8.1.5 Erosion and Sediment Controls (Part 2.1.2.5)

If polymers and/or other chemical treatments are used as part of facility controls, identify the polymers and/or chemicals used and the purpose.

8.1.6 Employee Training

The elements of the employee training plan shall include all, but not be limited to, the requirements set forth in Part 2.1.2.8 of the 2015 MSGP, and also the following:

- The content of the training
- The frequency/schedule of training for employees who work in areas where industrial materials or activities are exposed to stormwater, or who are responsible for implementing activities necessary to meet the conditions of this permit
- A log of the dates on which specific employees received training. Training records with specific employees and dates of training are maintained in ON's online training database (LMS).

8.2 Pertaining to Inspections and Assessments

Procedures for performing, as appropriate, the types of inspections specified by this permit in the SWPPP must be documented in the SWPPP.

For each type of inspection performed, the SWPPP must identify:

- Person(s) or positions of person(s) responsible for inspection;
- Schedules for conducting inspections, including tentative schedule for facilities in climates with irregular stormwater runoff discharges (see Part 3.2.3 of the 2015 MSGP);
- Specific items to be covered by the inspection, including schedules for specific outfalls.

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 19 of 50	

8.2.1 Routine facility inspections (MSGP Section 3.1)

- 8.2.1.1 Inspections must be conducted at least quarterly (i.e., once each calendar quarter), or in some instances more frequently (e.g., monthly). Increased frequency may be appropriate for some types of equipment, processes and stormwater control measures, or areas of the facility with significant activities and materials exposed to stormwater. At least once each calendar year, the routine inspection must be conducted during a period when a stormwater discharge is occurring.
- 8.2.1.2 Inspections must be performed by qualified personnel with at least one member of the stormwater pollution prevention team participating. Inspectors must consider the results of visual and analytical monitoring (if any) for the past year when planning and conducting inspections.
- 8.2.1.3 During the inspection examine or look out for the following:
- Industrial materials, residue or trash that may have or could come into contact with stormwater
 - Leaks or spills from industrial equipment, drums, tanks and other containers
 - Offsite tracking of industrial or waste materials, or sediment where vehicles enter or exit the site
 - Tracking or blowing of raw, final or waste materials from areas of no exposure to exposed areas
 - Control measures needing replacement, maintenance or repair
- 8.2.1.4 During an inspection occurring during a stormwater event or discharge, control measures implemented to comply with effluent limits must be observed to ensure they are functioning correctly. Discharge points must also be observed during this inspection. If such discharge locations are inaccessible, nearby downstream locations must be inspected.
- 8.2.1.5 The findings of facility inspections must be documented and reports maintained with SWPPP as required in Part 5.5 of the 2015 MSGP. Do not submit routine facility inspection report to EPA, unless specifically requested to do so. Summarize findings in the annual report per Part 7.5 of the 2015 MSGP. The annual report will involve a comprehensive evaluation of control measures and document all findings, including but not limited to, the following information:
- A. The inspection date and time
 - B. The name(s) and signature(s) of the inspector(s)
 - C. Weather information
 - D. All observations relating to the implementation of control measures at the facility, including:
 - A description of any discharges occurring at the time of the inspection
 - Any previously unidentified discharges from and/or pollutants at the site
 - Any evidence of, or the potential for, pollutants entering the drainage system

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 20 of 50	

- Observations regarding the physical condition of and around all outfalls, including any flow dissipation devices, and evidence of pollutants in discharges and/or the receiving water
 - Any control measures needing maintenance, repairs, or replacement
 - E. Any additional control measures needed to comply with the permit requirements
 - F. Any incidents of noncompliance
 - G. A statement, signed and certified in accordance with Appendix B, Subsection 11 of the 2015 MSGP (see signature on page i of this SWPPP)
- 8.2.1.6 The inspection form is a controlled document ([Section 2.1](#)) *Nampa - MSGP SWPPP & SPCC Routine Inspection Form (19FNP07720G)*. Completed inspection forms are maintained as records ([Section 3.0](#)).
- 8.2.2 Quarterly visual assessment of stormwater discharges (MSGP Section 3.2)
- 8.2.2.1 Once each quarter for the entire permit term, collect a stormwater sample from the outfall (except as noted in Part 3.2.3 of the 2015 MSGP) and conduct a visual assessment of each of these samples. These samples are not required to be collected consistent with 40 CFR Part 136 procedures but must be collected in such a manner that the samples are representative of the stormwater discharge. Guidance on monitoring is available at <http://water.epa.gov/polwaste/npdes/stormwater/EPA-Multi-Sector-General-Permit-MSGP.cfm>
- 8.2.2.2 The visual assessment must be made:
- Of a sample in a clean, colorless glass or plastic container, and examined in a well-lit area;
 - Upon samples collected within the first 30 minutes of an actual discharge from a storm event. If it is not possible to collect the sample within the first 30 minutes of discharge, the sample must be collected as soon as practicable after the first 30 minutes and you must document why it was not possible to take the sample within the first 30 minutes. In the case of snowmelt, samples must be taken during a period with a measurable discharge from your site; and
 - For storm events, on discharges that occur at least 72 hours (three days) from the previous discharge. The 72-hour (three day) storm interval does not apply if you document that less than a 72-hour (three day) interval is representative for local storm events during the sampling period.
- 8.2.2.3 Visually inspect or observe the sample for the following water quality characteristics:
- Color
 - Odor
 - Clarity (diminished)
 - Floating solids
 - Settled solids
 - Suspended solids

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 21 of 50	

- Foam
- Oil sheen
- Other obvious indicators of stormwater pollution

8.2.2.4 Whenever the visual assessment shows evidence of stormwater pollution, you must initiate the corrective action procedures in Part 4 of the 2015 MSGP. Summarize findings in the annual report per Part 7.5 of the 2015 MSGP.

8.2.2.5 The form is a controlled document (see [Section 2.1](#)) *Nampa - MSGP Quarterly Visual Stormwater Examination* ([19FNP16921G](#)). Completed inspection forms are maintained as records (see [Section 3.0](#)).

8.3 Pertaining to Monitoring

Document procedures for conducting the five types of analytical monitoring specified by this permit in the SWPPP, where applicable, including:

- Benchmark monitoring
- Effluent limitations guidelines monitoring
- State- or tribal-specific monitoring
- Impaired waters monitoring
- Other monitoring as required by EPA

8.3.1 Benchmark monitoring (MSGP Section 6.2.1)

Sector AC (Electronic and Electrical Equipment and Components, Photographic and Optical Goods) does not have any listed benchmark concentrations listed in Section 8 of the 2015 MSGP. Therefore this requirement does not apply to the ON Facility.

8.3.2 Effluent limitations guidelines monitoring (MSGP Section 6.2.2)

No effluent limitations listed in Table 6-1 of the 2015 MSGP are applicable to the ON Facility.

8.3.3 State- or tribal-specific monitoring (MSGP Section 6.2.3)

Section 9.10 of the 2015 MSGP does not apply since discharge waters from the ON facility do not reach any of the listed tribal waters.

8.3.4 Impaired waters monitoring (MSGP Section 6.2.4);

8.3.4.1 As a conservative approach, ON assumes that stormwater discharges from the Facility ultimately flow southwest to Mason Creek (approximately 5,300 feet). The Idaho Department of Environmental Quality 2014 Integrated 303(d) Report lists the following impairments for Mason Creek:

- Temperature
- Sedimentation/siltation (sediment target =20mg/L)
- Nutrients
- Chlorpyrifos - EPA acute listed at 0.05 micrograms per liter (ug/L) and chronic listed at 0.04 ug/L as guidance benchmark for invertebrates

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number:	Revision:
	12MNP06389G	F
	Page 22 of 50	

- Malathion - EPA Aquatic life benchmark for acute toxicity is 0.049 ug/L and chronic is 0.06 ug/L
- Escherichia coli (E Coli) - 2002 EPA geometric mean of 126 col per 100 milliliters
- Total Phosphorus*- Target 0.1 mg/L May 1 - Sept 30 and 0.35 mg/L Oct 1 - April 30
- TSS (Total Suspended Solids) - benchmark value is 33mg/L

8.3.4.2 The Lower Boise River TMDL for E. Coli (TMDL Date 9/18/2015) and TMDL for Total Suspended Sediment (TMDL Date 9/18/2015) apply to Mason Creek. However, in accordance with Section 6.2.4 1 of the 2015 MSGP, for stormwater discharges to waters for which there is an EPA-approved or established TMDL, you are not required to monitor for the pollutant(s) for which the TMDL was written unless EPA informs you, upon examination of the applicable TMDL and its wasteload allocation, that you are subject to such a requirement consistent with the assumptions and requirements of the applicable TMDL and its wasteload allocation. EPA's notice will include specifications on monitoring parameters and frequency. In a letter dated November 3, 2017, ON Semi received notification of a requirement to monitor for E. Coli and Total Suspended Sediment.

8.3.4.3 * Per Section 9.10.3.3 of the MSGP: For water bodies included on the states 303(d) list (Category 5 of the Integrated Report), identified as "cause unknown", the permittee must monitor for the pollutants listed in the cause comments section of the report (e.g., nutrients, metals, pesticides). Mason Creek is identified in the Integrated Report as cause unknown for nutrients. ON Semi was notified by EPA that they must monitor for Total Phosphorus.

8.3.4.4 If the pollutants are not present in the stormwater discharge, or it has been determined their presence has been solely caused by natural background sources, a notification will be provided in the first monitoring report to be submitted to EPA and documentation must be maintained. Continued annual monitoring will not apply if the pollutants are not detected above natural background levels, or are not present and are not expected to be present, in ON's stormwater discharge. In order to maintain the determination that a pollutant is caused solely by natural background level, documentation of natural background levels/sources will be maintained in Appendix C, as appropriate.

8.3.4.5 Any required sampling will be performed by EHS or a Facility Technician and the analytical tests will be performed by a certified laboratory following the appropriate 40 CFR 136 test methodology. Results will be submitted during with the annual report to EPA, and will be filed electronically in SharePoint.

8.3.5 Other monitoring as required by EPA (MSGP Section 6.2.5).

EPA may notify the facility of additional discharge monitoring requirements that EPA determines are necessary to meet the permit's effluent limitations. Any such notice will briefly state the reasons for the monitoring, locations, and parameters to be monitored, frequency and period of monitoring, sample types, and reporting requirements.

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 23 of 50	

8.3.6 For each type of monitoring, the SWPPP must document:

- Locations where samples are collected;
- Parameters for sampling and the frequency of sampling for each parameter;
- Facility schedules for monitoring, including schedule for alternate monitoring periods for climates with irregular stormwater runoff (MSGP Section 6.1.6);
- Any numeric control values (benchmarks, effluent limitations guidelines, TMDL-related requirements, or other requirements) applicable to discharges from each outfall;
- Procedures (e.g., responsible staff, logistics, laboratory to be used) for gathering storm event data, as specified in MSGP Section 6.1.

9.0 Eligibility Considerations under Other Federal Laws (MSGP 5.2.6)

This section provides documentation to support eligibility considerations under other federal laws (MSGP Section 5.2.6).

9.1 Regarding Endangered and Threatened Species and Critical Habitat Protection

Documentation supporting determination with regard to Part 1.1.4.5 (Endangered and Threatened Species and Critical Habitat Protection) must be kept with the facility SWPPP.

An Information for Planning and Conservation (IPaC) Trust Resource Report provided by U.S. Fish and Wildlife Service (USFWS) is provided in [Appendix D](#) of this SWPPP. A summary of the endangered and threatened species and critical habitat is summarized below.

9.1.1 Critical Habitat

- None

9.1.2 Flower Plants

- Slickspot peppergrass (*Lepidium papilliferum*) - proposed endangered in Canyon County

9.1.3 Migratory Birds (All listed are birds of conservation concern in Canyon County.)

- Bald Eagle (*Haliaeetus leucocephalus*)
- Brewer's Sparrow (*Spizella breweri*)
- Cassin's Finch (*Carpodacus cassinii*)
- Eared Grebe (*Podiceps nigricollis*)
- Ferruginous Hawk (*Buteo regalis*)
- Fox Sparrow (*Passerella iliaca*)
- Greater Sage-grouse (*Centrocercus urophasianus*)
- Green-tailed Towhee (*Pipilo chlorurus*)
- Lewis's Woodpecker (*Melanerpes lewis*)
- Loggerhead Shrike (*Lanius ludovicianus*)
- Long-billed Curlew (*Numenius americanus*)
- Peregrine Falcon (*Falco peregrinus*)

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 24 of 50	

- Rufous Hummingbird (*selasphorus rufus*)
- Sage Thrasher (*Oreoscoptes montanus*)
- Short-eared Owl (*Asio flammeus*)
- Swainson's Hawk (*Buteo swainsoni*)

9.2 Regarding Historic Properties

Keep documentation supporting determination with regard to MSGP Section 1.1.4.6 (Historic Properties Preservation).

Coverage under this permit is available only if stormwater discharges, allowable non-stormwater discharges, and stormwater discharge-related activities meet one of the eligibility criteria in 1.1.4.5. Criterion A of the 2015 MSGP, following the procedures in [Appendix D](#).

(1.1.4.5 Criterion A) Stormwater discharges and allowable non-stormwater discharges do not have the potential to have an effect on historic properties and new stormwater control measures are not constructed or installed that cause subsurface disturbance.

Per MSGP Section 1.1.4.5 Criterion A, stormwater discharges and allowable non-stormwater discharges do not have the potential to affect historic properties due to the distance of travel from the ON Facility to the historic property. Two historic properties are located approximately 2,470 feet to the north of the ON Facility:

- Horse Barn - NE of Nampa at Idaho State School and Hospital
- Idaho State Sanitarium Administration Building - NE of Nampa on 11th Ave. Nor

A list of the Historic Properties located in Nampa, Idaho and their approximate distance from the outfall of the ON Facility is included in [Appendix E](#).

10.0 Requirements, Modifications, and Availability

10.1 Signature Requirements (MSGP 5.2.7).

This SWPPP has been certified by a responsible official in accordance with Appendix B, Subsection 11 of the 2015 MSGP (refer to the Responsible Official Signature on [Section 4.2](#) of this SWPPP).

10.2 Required SWPPP Modifications (MSGP 5.3).

The operator must modify the SWPPP based on the corrective actions and deadlines required under Part 4.3 (Corrective Actions and Deadlines) and documented under Part 4.4 (Corrective Action Documentation) of the 2015 MSGP. The "Responsible Official Signature" in [Section 4.2](#) of this SWPPP provides modification signature and date in accordance with Appendix B, Subsection 11 of the 2015 MSGP.

10.3 SWPPP Availability (MSGP 5.4).

- 10.3.1 Must retain a complete copy of a current SWPPP required by this permit at the facility in any accessible format. A complete SWPPP includes any documents incorporated by reference

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number:	Revision:
	12MNP06389G	F
	Page 25 of 50	

and all documentation supporting the permit eligibility pursuant to Part 1.1 of the 2015 MSGP, as well as a signed and dated certification page (refer to [Section 4.2](#) of this SWPPP). Regardless of the format, the SWPPP must be immediately available to facility employees, EPA, a state or tribe, the operator of a MS4 into which stormwater discharges, and representatives of the USFWS or the National Marine Fisheries Service (NMFS) at the time of an onsite inspection. The current SWPPP or certain information from the current SWPPP described below must also be made available to the public (except any confidential business information (CBI) or restricted information, but must clearly identify those portions of the SWPPP that are being withheld from public access; to do so, the operator must comply with one of the following two options:

- 10.3.2 SWPPP Posting on the Internet (MSGP Section 5.4.1).
- 10.3.3 If a URL for the SWPPP is submitted along with the NOI, and the current SWPPP is maintained at this URL, the operator will have complied with the public availability requirements for the SWPPP. To remain current, operator must post any SWPPP modifications, records and other reporting elements required for the previous year at the same URL as the main body of the SWPPP. The SWPPP update shall be no later than 45 days after conducting the final routine facility inspection for the year required in Part 3.1 of the 2015 MSGP. If a SWPPP URL is not provided, the operator may reopen the NOI at any time subsequent to the original NOI submittal to add a URL where the current SWPPP can be found. The posted SWPPP is not required to contain any CBI or restricted information (such information may be redacted), but clearly identify those portions of the SWPPP that are being withheld from public access. CBI may not be withheld from those staff cleared for CBI review within EPA, USFWS or NMFS.
- 10.3.4 SWPPP Information Provided on NOI Form (MSGP Section 5.4.2).
- 10.3.5 If the operator does not provide a SWPPP URL with the NOI, the NOI must include the information required by Part 7.3 of the 2015 MSGP. Irrespective of this requirement, EPA may provide access to portions of the facility SWPPP to a member of the public upon request (except any CBI or restricted information). To remain current, report any modifications to the SWPPP information required by Part 7.3 of the 2015 MSGP through submittal of a "Change NOI" form. The SWPPP update shall be no later than 45 days after conducting the final routine facility inspection for the year required in Part 3.1 of the 2015 MSGP.

10.4 Additional Documentation Requirements

- 10.4.1 The operator is required to keep complete and up-to-date inspection, monitoring, and certification records with the SWPPP, and demonstrate full compliance with the conditions of this permit:
 - A copy of the NOI submitted to EPA along with any correspondence exchanged between the facility and EPA specific to coverage under this permit.
 - Copies of the submitted NOI and correspondence are stored both electronically and with hard copies. Hard copies are maintained in the environmental cubicle.

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number:	Revision:
	12MNP06389G	F
	Page 26 of 50	

- A copy of the acknowledgment you receive from the EPA assigning your NPDES ID.
 - A copy of the EPA-assigned NPDES ID is stored both electronically and with hard copies. Hard copies are maintained in the MSGP folder in the environmental cubicle.
 - A copy of this permit (an electronic copy easily available to SWPPP personnel is also acceptable).
 - A copy of this permit is stored both electronically and with hard copies. Hard copies are maintained in the MSGP binder in the environmental cubicle.
 - Documentation of maintenance and repairs of control measures, including the date(s) of regular maintenance, date(s) of discovery of areas in need of repair/replacement, and for repairs, date(s) that the control measure(s) returned to full function, and the justification for any extended maintenance/repair schedules (see MSGP Section 2.1.2.3)
- 10.4.2 Any repairs or maintenance conducted on control measures are documented in the Oracle EAM online maintenance system.
- All inspection reports, including the Routine Facility Inspection Reports (see MSGP Section 3.1.2) and Quarterly Visual Assessment Reports (see MSGP Section 3.2.2)
- 10.4.3 All inspection reports, including quarterly visual assessment reports, are maintained in the MSGP binder in the environmental cubicle.
- Description of any deviations from the schedule for visual assessments and/or monitoring, and the reason for the deviations (e.g., adverse weather or it was impracticable to collect samples within the first 30 minutes of a measurable storm event) (see MSGP Sections 3.2.3 and 6.1.5).
- 10.4.4 Any deviations from collecting a stormwater discharge within the first 30 minutes of a measurable storm event will be filed within the Deviation Report for MSGP. In addition, a report must be filed using the online NetDMR tool (<https://netdmr.zendesk.com/home>) and include either a “no data” or “NODI” code.

10.5 Corrective action documentation

- 10.5.1 The existence of any of the conditions listed in MSGP Sections 4.1 or 4.2 must be documented within 24 hours of becoming aware of such condition:
- An unauthorized release or discharge (e.g., spill, leak, or discharge of non-stormwater not authorized by this or another NPDES permit to a water of the U.S.) occurs.
 - A discharge violates a numeric effluent limit listed in Table 2-1 and in Part 8 sector-specific requirements.
 - Control measures are not stringent enough for the discharge to meet applicable water quality standards or the non-numeric effluent limits in this permit.
 - A required control measure was never installed, was installed incorrectly or not in accordance with Parts 2 and/or 8, or is not being properly operated or maintained.
 - A visual assessment shows evidence of stormwater pollution (e.g., color, odor, floating solids, settled solids, suspended solids, and foam).

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 27 of 50	

10.5.2 Submittal of corrective action documentation to EPA is not required, unless specifically requested to do so. However, operator must summarize findings in the annual report per MSGP Section 7.5, including the following documentation information:

- Description of the condition triggering the need for corrective action review. For any spills or leaks, include the following information: a description of the incident including material, date/time, amount, location, and reason for spill, and any leaks, spills or other releases that resulted in discharges of pollutants to waters of U.S., through stormwater or otherwise.
- Date the condition was identified
- Description of immediate actions taken pursuant to MSGP Section 4.3.1 to minimize or prevent the discharge of pollutants. For any spills or leaks, include response actions, the date/time clean-up completed, notifications made, and staff involved. Also include any measures taken to prevent the reoccurrence of such releases (see MSGP Section 2.1.2.4).
- A statement, signed and certified in accordance with Appendix B, Subsection 11 of the 2015 MSGP

10.5.3 Corrective actions taken or to be taken as a result of the conditions listed in Part 4.1 or 4.2 (or, for triggering events in Part 4.2 by determining that corrective action is not necessary, the basis for this determination) must also be documented within 14 days from the time of discovery of any of those conditions. Provide the dates when each corrective action was initiated and completed (or is expected to be completed). If applicable, document why it is infeasible to complete the necessary installations or repairs within the 14 day timeframe and document a schedule for installing the controls and making them operational as soon as practicable after the 14 day timeframe. If EPA was notified regarding an extension of the 45 day timeframe, operator must document rationale for an extension. Document any benchmark exceedances and the type of response employed to the exceedance, including:

- The corrective action taken;
- A finding that the exceedance was due to natural background pollutant levels;
- A determination from EPA that benchmark monitoring can be discontinued because the exceedance was due to run-on; or
- A finding that no further pollutant reductions were technologically available and economically practicable and achievable in light of best industry practice consistent with MSGP Section 6.2.1.2.

10.5.4 Any benchmark exceedances will be documented with the required information.

10.5.5 Provide documentation to support any determination that pollutants of concern are not expected to be present above natural background levels if discharging directly to impaired waters, and that such pollutants were not detected in facility discharge or were solely attributable to natural background sources (see [Section 8.3.4](#)).

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 28 of 50	

- 10.5.6 Provide documentation to support a claim of the facility changing its status from active to inactive and unstaffed with respect to the requirements to conduct routine facility inspections (see MSGP Section 3.1.1), quarterly visual assessments (see MSGP Section 3.2.3), benchmark monitoring (see MSGP Section 6.2.1.3), and/or impaired waters monitoring (see MSGP Section 6.2.4.2).
- 10.5.7 The ON Facility located in Nampa, Idaho is an active facility. In the event the Facility becomes inactive and unstaffed, the requirements outlined in MSGP Sections 3.1.1, 3.2.3, and 6.2.4.2 will be fulfilled.

10.6 Deviation Report for Multi Sector General Permit

- 10.6.1 A deviation report must be filed including a description of any deviations from the schedule for visual assessments and/or monitoring, and the reason for the deviations (e.g., adverse weather or it was impracticable to collect samples within the first 30 minutes of a measurable storm event).
- 10.6.2 A measurable storm event is one which causes a discharge out of the stormwater infiltration pond. If a sample is not collected within the first 30 minutes of discharge, then a deviation must be filed providing reasoning as to why the sample was not collected in time per Section 3.2.3, including but not limited to:
- Adverse Weather Condition - Adverse conditions are those that are dangerous or create inaccessibility for personnel, such as local flooding, high winds, electrical storms, or situations that otherwise make sampling impractical, such as extended frozen conditions.
 - Climates with Irregular Stormwater Runoff - If the facility is located in an area where limited rainfall occurs during many parts of the year (e.g., arid or semi-arid climate) or in an area where freezing conditions exist that prevent runoff from occurring for extended periods
 - Areas Subject to Snow - In areas subject to snow, at least one quarterly visual assessment must capture snowmelt discharge, as described in Part 6.1.3, taking into account the exception described above for climates with irregular stormwater runoff.
- 10.6.3 If a sample is not collected within the first 30 minutes of a measurable storm event, a substitute sample must be collected during the next storm event. In addition, a failure to monitor report MUST be filled out using the NetDMR online tool (<https://netdmr.zendesk.com/home>) using a "no data" or "NODI" code.

11.0 Training and Certification

Facilities and EHS personnel whose work involves compliance with stormwater requirements, perform inspections related to stormwater, or perform work that could affect stormwater, must receive the following training:

- *SWPPP Training*
- *RCRA & SWPPP Combined Walkthrough*

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number:	Revision:
	12MNP06389G	F
	Page 29 of 50	

12.0 Appendices

Appendix A Significant Industrial Materials and Activities Matrix

This matrix only lists significant industrial activities which could be a source of spills/leaks that are exposed to stormwater. Not all inspection items are listed here (for example, stormwater structural controls, outfalls, gas storage areas) as these inspection areas/equipment are not sources of potential pollution.

All locations: • Potential for Spills/Leaks: Yes • Existing Controls (Pretreatment at Outfall): Drop inlets, stormwater pond, pond overflow to vegetated areas • Drainage Basin: A • Discharge Point: Stormwater pond overflow, followed by overland flow to southwest corner of property			
Location	Description/Activities	Potential Pollutants	Existing Controls (Source)
Chemical Storage (Climate Controlled)	Chemical Storage	Chemical spills	Spill response procedures, quarterly inspections
Between Emergency Generators and Cooling Towers	Transformers (4)	Mineral oil	
N2 Plant	Equipment (e.g. compressors)	Oils/ grease	
East Parking Lot	Employee vehicle parking	Oils/ grease, metals	
North Parking Lot	Employee vehicle parking	Oils/ grease, metals	
South Parking Lot	Employee vehicle parking	Oils/ grease, metals	
South Laydown Area	Material Storage	Metals, solids	
Dock 1-C	Municipal waste compactor - material storage	Hydraulic fluid, litter	
Dock 1-C	Dock - material delivery/ removal	Hydraulic fluid, litter	Spill response procedures, monthly inspections
Near Dock 1-A (Chemical Storage Area)	Emergency generators (2)	Diesel fuel, ethylene glycol, lubricating oil	
Dock 1-A	Unloading area	Litter	Spill response procedures, quarterly inspections, curbing, trench drain
Dock 1-D	Chemical Loading and unloading	Chemical spills, hydraulic fluid, litter	Spill response procedures, quarterly inspections, trench drain
Dock 1-D	Recycling bin	Metals, oils, coolants	
Dock 1-D	Refuse bin	Litter	
Plantwide	Sitewide asphalt, sidewalk, parking lots; repair and replacement of sidewalks, asphalt, parking lots including asphalt/ concrete- cutting activities; routine cleaning of sidewalks, asphalt parking lots involving dry-cut or wet-cut activities	Solids	Berm area of maintenance work to filter solids associated with potential asphalt/ concrete-cutting activities, protect local drop inlet with filter

Electronic versions are uncontrolled except when accessed directly from the Document Repository.

Printed versions are uncontrolled except when stamped "CONTROLLED COPY."

TEM001737 Revision E

ON Semiconductor Internal Use Only

ON Semiconductor	Document Number: 12MNP06389G	Revision: F
Stormwater Pollution Prevention Plan	Page 30 of 50	

Appendix B Certification of Non-Stormwater Discharge

ON Semiconductor 2015 Certification of Non-Stormwater Discharges Nampa, ID

1. INTRODUCTION

Aptina, LLC, an ON Semiconductor Group Company (ON Semiconductor or "ON"), with its facility located at 1401 N. Kings Road in Nampa, Idaho ("Facility"), is currently subject to the 2015 National Pollutant Discharge Elimination System (NPDES) Stormwater Multi-Sector General Permit (MSGP) for Industrial Activities. Therefore, this certification has been performed in accordance with the requirements noted in the 2015 MSGP. According to Part 5.2.3.4 of the 2015 MSGP, all site discharges (i.e., outfalls) must be tested or evaluated for the presence of non-stormwater.

Part 5.2.3.4 of the 2015 MSGP also requires that the Facility document that an evaluation for the presence of non-stormwater discharges and that all unauthorized discharges have been eliminated. The documentation must be incorporated into the Stormwater Pollution Prevention Plan (SWPPP) and must include the following:

- The date of any testing and/or evaluation
- A description of the evaluation criteria used
- A list of outfalls or onsite drainage points that were directly observed during the evaluation
- The action(s) taken, such as a list of control measures used to eliminate unauthorized discharge(s), if any were identified

The last non-stormwater certification, in accordance with the requirements of the 2015 MSGP, was performed on April 21, 2015 and certified by the Facilities Manager.

2. EVALUATION FOR NON STORMWATER DISCHARGES

On April 21, 2015, CH2M HILL (Environmental Service contractor for ON) conducted an evaluation of the site's discharges for the presence of non-stormwater.

The Facility consists of one outfall: OF1, which is stormwater from the industrialized area (Drainage Basin A) that is collected in a detention basin. Discharge from OF1 flows into the non-graded, open area of non-industrialized land to the west of the Facility where it potentially creates sheet flow. ON cannot confirm the ultimate fate of the stormwater as it leaves the site onto the non-industrialized land; however, as a conservative approach, ON is presuming that the stormwater eventually reaches Mason Creek.

The following evaluation methods were used by the inspectors:

- Observation of the site's stormwater management systems, including inlets and outfalls, during dry weather
- Review of the site's stormwater piping and drainage schematics

During the evaluation, the inspector specifically observed the drop inlets and catch basins, trenches, and sumps located throughout the site that are used to collect stormwater. The observations occurred on a dry day with the last measurable precipitation occurring 7 days previously. The table below summarizes the inspection items.



ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 31 of 50	

ON Semiconductor
2015 Certification of Non-Stormwater Discharges
Nampa, ID

Items Visually Inspected During Evaluation	Comments
Drop inlets and catch basins, trenches, and sumps to OF1	Areas dry, no signs of incoming non-stormwater
Drainage Basin A - Detention Basin (for OF1)	Area dry (except for a few small remaining pools of stormwater), no signs of incoming non-stormwater
OF1 outfalls	No evidence of non-stormwater – no sheens, discoloration, odor to indicate presence of any substances other than pooling stormwater

No potential sources of non-stormwater discharges (other than those allowable sources listed in Section 3 of this document) were identified during the review of the site's stormwater piping and drainage schematics.

3. IDENTIFICATION OF NON-STORMWATER SOURCES

Potential significant sources of non-stormwater at the site are listed below.

- Discharges from fire-fighting activities
- Fire hydrant flushings
- Potable water, including uncontaminated water line flushings
- Uncontaminated air conditioning or compressor condensate
- Irrigation drainage
- Landscape watering, provided all pesticides, herbicides, and fertilizer have been applied in accordance with manufacturer's instructions
- Pavement wash waters where no detergents are used and no spills or leaks of toxic or hazardous materials have occurred (unless all spilled material has been removed)
- Routine external building washdown that does not use detergents
- Uncontaminated groundwater or spring water
- Foundation or footing drains where flows are not contaminated with process materials such as solvents
- Incidental windblown mist from cooling towers that collects on rooftops or adjacent portions of the Facility

Per Parts 1.1.3 and 2.1.2.10, these sources are allowable non-stormwater discharges that are authorized by the permit.

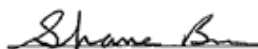


ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 32 of 50	

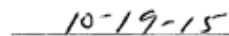
ON Semiconductor
2015 Certification of Non-Stormwater Discharges
Nampa, ID

4. CERTIFICATION

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."



Shane Brown
Facilities Manager
Aptina, LLC



Date



ON Semiconductor	Document Number:	Revision:
	12MNP06389G	F
	Page 33 of 50	

Appendix C Mason Creek

Mason Creek Background Levels and Discharge Sampling for Nutrients and Sediment

2012 Integrated Report: Category 5 (§303(d))

ID17050114SW006_02	Mason Creek - entire watershed	29.83	MILES
--------------------	--------------------------------	-------	-------

Sedimentation/Siltation

Temperature, water

(HS) - Temperature impairment added based upon data submitted by City of Boise.

Chlorpyrifos

1/31/10 (HS) - According to the 'Pesticide Residue Water Quality Report', Lower Boise River Tributaries (Kirk Campbell, ISDA, December 2009): "There were eight detections of chlorpyrifos with two of the detections (0.062 ug/L and 0.052 ug/L) exceeding the EPA acute (0.05 ug/L) and chronic (0.04 ug/L) guidance benchmarks for invertebrates. The presence of toxic substances in concentrations that impair beneficial uses is a violation of Idaho's narrative standard for toxic substances.

Malathion

3/22/2012 (HS) - Mason Creek is impaired due to presence of toxic substances in concentrations that impair beneficial uses (IDAPA 58.01.02.200.02). The toxin of concern is malathion, which was found at level that exceeds EPA's Aquatic Life Benchmarks for acute toxicity to aquatic life. The Aquatic Life Benchmarks are based on toxicity values reviewed by EPA and used in the EPA's most recent risk assessments developed as part of the decision making process for pesticide registration. Each Aquatic Benchmark is based on the most sensitive, scientifically acceptable toxicity endpoint available to EPA for a given taxon. Malathion was detected once by ISDA sampling in 2011 and exceeded the acute Aquatic Life Benchmark by a factor of 2.3. (Source: ISDA Technical Report Summary W-42: Pesticide Residue Evaluation for Mason Creek, Noble Drain, Solomon Drain and Purdum Drain 2011).

Escherichia coli

3/7/2013 (HS) - USGS and ISDA collected E. coli samples from Mason Creek in June and July 1999. The geometric mean was 709 col/100 mL, which is greater than the 126 col/100 mL criterion value, therefore the recreational use of this water body is considered impaired by bacteria.

Cause Unknown

Nutrients suspected impairment.

ID17050114SW007_04	Fifteenmile Creek - 4th order (Fivemile Creek to mouth)	3.74	MILES
--------------------	---	------	-------

Chlorpyrifos

1/13/2010 (Hawk Stone) - According to the 'Pesticide Residue Water Quality Report', Lower Boise River Tributaries (Kirk Campbell, ISDA, December 2009): "The highest detection of chlorpyrifos (0.053 ug/L) exceeded both the EPA acute (0.05 ug/L) and chronic (0.04 ug/L) guidance benchmarks for invertebrates. Chlorpyrifos also had a detection of 0.044 ug/L, which exceeded the chronic invertebrate benchmark. The presence of toxic substances in concentrations that impair beneficial uses is a violation of Idaho's narrative standard for toxic substances.

Escherichia coli

3/7/2012 (HS) - Bacteria data collected by DEQ in July 2011 showed a geometric mean of 748.3 col/100 mL which is greater than the 126 col/100 mL criterion value.

Sedimentation/Siltation

Data collected by USGS in 2005 document SSC between 54 and 97 mg/L (pg. 151). 2008 ISDA data document irrigation season SSC between 28 and 91 mg/L (pg.161-162). Susan Beattie

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 34 of 50	

5.4.6 Natural Background

Even unimpaired streams have natural levels of sediment and bacteria. To quantify the natural background level of sediment, sample results from EMAP (Environmental Monitoring and

Assessment Program) were examined. EMAP was a research program run by EPA to develop the tools necessary to monitor and assess the status and trends of national ecological resources.

DEQ examined 153 sample sites in the xeric west; 25 of these were judged to be in “least impacted” condition, as evidenced by a ranking of good in both their macroinvertebrate and fish populations. The average SSC in these least-impacted sites was **2.5 mg/L**, which therefore is a reasonable estimate for the natural background concentration of sediment in a stream in the xeric west during the summer months.

The natural background level of sediment must be subtracted from all anthropogenic sources, and therefore represents a reduction in the available load capacity. Said another way, even perfectly pure water would naturally be expected to gain up to 2.5 mg/L of sediment as it travelled down the stream, through processes such as bank erosion.

The water quality standards do not make a distinction between anthropogenic and background sources of *E. coli*. “Natural” *E. coli* (from sources such as birds and deer) is also now more likely to enter the streams because of irrigation and storm conveyances. For this reason, the background levels of *E. coli* will be incorporated in the load allocation.

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 35 of 50	

Appendix D IPaC Report for Threatened and Endangered Species

Information for Planning and Conservation (IPaC) Report for Threatened and Endangered Species



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Idaho Fish and Wildlife Office
1387 SOUTH VINNELL WAY, SUITE 368
BOISE, ID 83709
PHONE: (208)378-5243 FAX: (208)378-5262



Consultation Code: 01EIFW00-2015-SLI-0639

July 10, 2015

Event Code: 01EIFW00-2015-E-00638

Project Name: On Semiconductor

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 36 of 50	

similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

Please note the module for identifying proposed and designated critical habitat by your defined project area is currently incomplete. At this time, we ask that you use the following County by County list to aid you in determining whether your project may affect proposed or designated critical habitat in your action area.

Canada Lynx (*Lynx canadensis*)

Designated Critical Habitat: (designated February 24, 2009) Boundary County.

Federal Register Notice:

<http://www.gpo.gov/fdsys/pkg/FR-2009-02-25/pdf/E9-3512.pdf#page=1>

Printable Maps:

http://www.fws.gov/mountain-prairie/species/mammals/lynx/criticalhabitat_files/20081222_fedre

GIS Data: http://criticalhabitat.fws.gov/docs/crithab/zip/lynx_ch.zip

KML for Google Earth: (None Currently Available)

Selkirk Mountains Woodland Caribou (*Rangifer tarandus Caribou*)

Proposed Critical Habitat: (proposed November 30, 2011) Bonner and Boundary Counties.

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 37 of 50	

Federal Register Notice: <http://www.fws.gov/idaho/home/2011-30451FINALR.pdf>

Printable Maps: http://www.fws.gov/idaho/home/Map1_sub1_150.pdf

GIS Data: (None Currently Available)

KML for Google Earth: (None Currently Available)

Bull Trout (*Salvelinus confluentus*)

Designated Critical Habitat: (designated September 30, 2010) Adams, Benewah, Blaine, Boise, Bonner, Boundary, Butte, Camas, Clearwater, Custer, Elmore, Gem, Idaho, Kootenai, Lemhi, Lewis, Nez Perce, Owyhee, Shoshone, Valley, and Washington Counties.

Federal Register Notice:

<http://www.gpo.gov/fdsys/pkg/FR-2010-10-18/pdf/2010-25028.pdf#page=2>

Printable Maps: http://www.fws.gov/pacific/bulltrout/CH2010_Maps.cfm#CHMaps

GIS Data: <http://criticalhabitat.fws.gov/docs/crithab/zip/bulltrout.zip>

KML for Google Earth:

http://www.fws.gov/pacific/bulltrout/finalcrithab/BT_FCH_2010_KML.zip

Kootenai River White Sturgeon (*Acipenser transmontanus*)

Designated Critical Habitat: (designated July 9, 2008) Boundary County.

Federal Register Notice:

<http://www.gpo.gov/fdsys/pkg/FR-2008-07-09/pdf/E8-15134.pdf#page=1>

Printable Maps: (None Currently Available)

GIS Data: http://criticalhabitat.fws.gov/docs/crithab/zip/fch_73fr39506_acit_2009.zip

KML for Google Earth: (None Currently Available)

Slickspot Peppergrass (*Lepidium papilliferum*)

Proposed Critical Habitat: Ada, Canyon, Elmore, Gem, Owyhee, and Payette Counties.

Federal Register Notice: <http://www.gpo.gov/fdsys/pkg/FR-2011-10-26/pdf/2011-27727.pdf>

Printable Maps: <http://www.fws.gov/idaho/Lepidium.html>

GIS Data: (None Currently Available)

KML for Google Earth: (None Currently Available)

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 38 of 50	



United States Department of Interior
Fish and Wildlife Service

Project name: On Semiconductor

Official Species List

Provided by:

Idaho Fish and Wildlife Office
1387 SOUTH VINNELL WAY, SUITE 368
BOISE, ID 83709
(208) 378-5243

Consultation Code: 01EIFW00-2015-SLI-0639

Event Code: 01EIFW00-2015-E-00638

Project Type: ** OTHER **

Project Name: On Semiconductor

Project Description: On Semiconductor, Nampa, Idaho Facility

Please Note: The FWS office may have modified the Project Name and/or Project Description, so it may be different from what was submitted in your previous request. If the Consultation Code matches, the FWS considers this to be the same project. Contact the office in the 'Provided by' section of your previous Official Species list if you have any questions or concerns.

<http://ecos.fws.gov/ipac>, 07/10/2015 11:48 AM

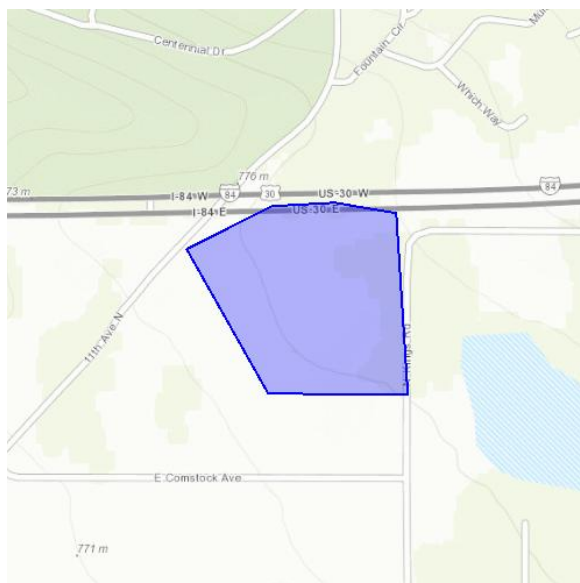
ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 39 of 50	



United States Department of Interior
Fish and Wildlife Service

Project name: On Semiconductor

Project Location Map:



Project Coordinates: MULTIPOLYGON (((-116.53594458155567 43.5981801655128, -116.53771719953511 43.59753154292284, -116.53601925383555 43.595342428001715, -116.53308985201875 43.59531554367499, -116.53331365669146 43.59807216608955, -116.53461978508858 43.59823424316223, -116.53594458155567 43.5981801655128)))

Project Counties: Canyon, ID

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 40 of 50	



United States Department of Interior
Fish and Wildlife Service

Project name: On Semiconductor

Endangered Species Act Species List

There are a total of 1 threatened or endangered species on your species list. Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. Critical habitats listed under the **Has Critical Habitat** column may or may not lie within your project area. See the **Critical habitats within your project area** section further below for critical habitat that lies within your project. Please contact the designated FWS office if you have questions.

Flowering Plants	Status	Has Critical Habitat	Condition(s)
Slickspot peppergrass (<i>Lepidium papilliferum</i>)	Proposed Endangered	Proposed	

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 41 of 50	



United States Department of Interior
Fish and Wildlife Service

Project name: On Semiconductor

Critical habitats that lie within your project area

There are no critical habitats within your project area.

<http://ecos.fws.gov/ipac>, 07/10/2015 11:48 AM

4

Electronic versions are uncontrolled except when accessed directly from the Document Repository.

Printed versions are uncontrolled except when stamped "CONTROLLED COPY."

TEM001737 Revision E

ON Semiconductor Internal Use Only

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 42 of 50	

U.S. Fish & Wildlife Service

On Semiconductor

IPaC Trust Resource Report

Generated July 10, 2015 11:15 AM MDT



Electronic versions are uncontrolled except when accessed directly from the Document Repository.

Printed versions are uncontrolled except when stamped "CONTROLLED COPY."

TEM001737 Revision E

ON Semiconductor Internal Use Only

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 43 of 50	

IPaC Trust Resource Report

TX6L3-NSQJN-A3XNB-2AZ23-PGX6EY

US Fish & Wildlife Service

IPaC Trust Resource Report



Project Description

NAME

On Semiconductor

PROJECT CODE

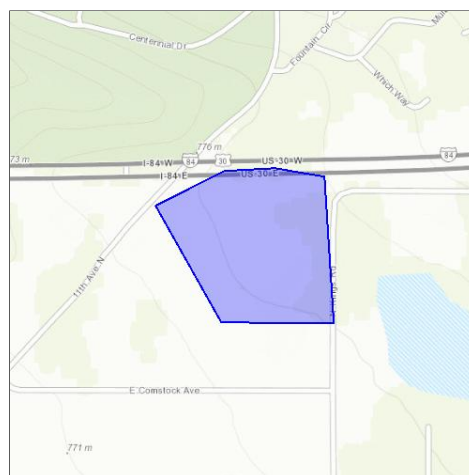
TX6L3-NSQJN-A3XNB-2AZ23-PGX6EY

LOCATION

Canyon County, Idaho

DESCRIPTION

On Semiconductor, Nampa, Idaho
Facility



U.S. Fish & Wildlife Contact Information

Species in this report are managed by:

Idaho Fish And Wildlife Office

1387 South Vinnell Way, Suite 368

Boise, ID 83709-1657

(208) 378-5243

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 44 of 50	

Endangered Species

Proposed, candidate, threatened, and endangered species that are managed by the [Endangered Species Program](#) and should be considered as part of an effect analysis for this project.

This unofficial species list is for informational purposes only and does not fulfill the requirements under [Section 7](#) of the Endangered Species Act, which states that Federal agencies are required to "request of the Secretary of Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action." This requirement applies to projects which are conducted, permitted or licensed by any Federal agency.

A letter from the local office and a species list which fulfills this requirement can be obtained by returning to this project on the IPaC website and requesting an Official Species List from the regulatory documents section.

Flowering Plants

Slickspot Peppergrass *Lepidium papilliferum*

Proposed Endangered

CRITICAL HABITAT

There is **proposed** critical habitat designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=Q34X>

Critical Habitats

Potential effects to critical habitat(s) within the project area must be analyzed along with the endangered species themselves.

There is no critical habitat within this project area

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 45 of 50	

Migratory Birds

Birds are protected by the [Migratory Bird Treaty Act](#) and the Bald and Golden Eagle Protection Act.

Any activity which results in the take of migratory birds or eagles is prohibited unless authorized by the U.S. Fish and Wildlife Service ([1](#)). There are no provisions for allowing the take of migratory birds that are unintentionally killed or injured.

You are responsible for complying with the appropriate regulations for the protection of birds as part of this project. This involves analyzing potential impacts and implementing appropriate conservation measures for all project activities.

Bald Eagle <i>Haliaeetus leucocephalus</i> Season: Wintering https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B008	Bird of conservation concern
Brewer's Sparrow <i>Spizella breweri</i> Season: Breeding https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0HA	Bird of conservation concern
Cassin's Finch <i>Carpodacus cassinii</i> Year-round	Bird of conservation concern
Eared Grebe <i>Podiceps nigricollis</i> Season: Breeding	Bird of conservation concern
Ferruginous Hawk <i>Buteo regalis</i> Year-round https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B06X	Bird of conservation concern
Fox Sparrow <i>Passerella iliaca</i> Season: Breeding	Bird of conservation concern
Greater Sage-grouse <i>Centrocercus urophasianus</i> Year-round https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B06W	Bird of conservation concern
Green-tailed Towhee <i>Pipilo chlorurus</i> Season: Breeding	Bird of conservation concern
Lewis's Woodpecker <i>Melanerpes lewis</i> Season: Breeding	Bird of conservation concern
Loggerhead Shrike <i>Lanius ludovicianus</i> Season: Breeding https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0FY	Bird of conservation concern
Long-billed Curlew <i>Numenius americanus</i> Season: Breeding https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B06S	Bird of conservation concern
Peregrine Falcon <i>Falco peregrinus</i> Season: Breeding https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0FU	Bird of conservation concern

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 46 of 50	

IPaC Trust Resource Report

TX6L3-NSQJN-A3XNB-2AZ23-PGX6EY

Rufous Hummingbird *selasphorus rufus*

Bird of conservation concern

Season: Breeding

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0E1>

Sage Thrasher *Oreoscoptes montanus*

Bird of conservation concern

Season: Breeding

Short-eared Owl *Asio flammeus*

Bird of conservation concern

Year-round

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0HD>

Swainson's Hawk *Buteo swainsoni*

Bird of conservation concern

Season: Breeding

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B070>

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 47 of 50	

Refuges

Any activity proposed on [National Wildlife Refuge](#) lands must undergo a 'Compatibility Determination' conducted by the Refuge. If your project overlaps or otherwise impacts a Refuge, please contact that Refuge to discuss the authorization process.

There are no refuges within this project area

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 48 of 50	

Wetlands

Impacts to [NWI wetlands](#) and other aquatic habitats from your project may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal Statutes.

Project proponents should discuss the relationship of these requirements to their project with the Regulatory Program of the appropriate [U.S. Army Corps of Engineers District](#).

DATA LIMITATIONS

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

DATA EXCLUSIONS

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

DATA PRECAUTIONS

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

There are no wetlands identified in this project area

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number:	Revision:
	12MNP06389G	F
	Page 49 of 50	

Appendix E National Register of Historic Places in Nampa, Idaho

National Register of Historic Places in Nampa, Idaho

National Register of Historic Places in Idaho by Belinda Davis and Ann Swanson, Idaho State Historical Society

Name	Address (Date of Listing)	NRIS Number	Distance from Outfall (Approximate)
Dewey, E. H., Stores	1013-15 1st. St. S., Nampa (1982/11/17)	82000323	8,880 feet southwest
Farmers and Merchants Bank	101 11th Ave. S., Nampa (1976/05/13)	76000670	8,880 feet southwest
Horse Barn	NE of Nampa at Idaho State School and Hospital, Nampa (1978/10/11)	78001057	2,470 feet north
Idaho State Sanitarium Administration Building	NE of Nampa on 11th Ave. N., Nampa (1982/11/17)	82000324	2,470 feet north
Nampa American Legion Chateau	1508 2nd St. S., Nampa (1982/11/17)	82000326	9,230 feet southwest
Nampa City Hall	203 12th Ave. S., Nampa (1985/05/09)	85000967	9,100 feet southwest
Nampa Department Store	1st St. S. and 13th Ave., Nampa (1982/11/17)	82000327	8,900 feet southwest
Nampa Depot	12th Ave. and Front St., Nampa (1972/11/03)	72000438	8,460 feet southwest
Nampa First Methodist Episcopal Church	12th Ave. S. and 4th St., Nampa (1982/11/17)	82000328	9,890 feet southwest
Nampa Historic District	1200 and 1300 blocks 1st St. S., Nampa (1983/08/18)	83000284	8,830 feet southwest
Nampa Presbyterian Church	2nd St. and 15th Ave. S., Nampa (1982/11/17)	82000330	9,200 feet southwest
Nampa and Meridian Irrigation District Office	1503 1st St. S., Nampa (1982/11/17)	82000329	9,000 feet southwest
St. Paul's Rectory and Sisters' House	810 15th Ave. S., Nampa (1982/11/17)	82000333	11,450 feet southwest
US Post Office—Nampa Main	123 11th Ave. S., Nampa US Post Offices in Idaho 1900-1941 MPS (1989/03/16)	89000132	9,000 feet southwest
Wiley, H. Orton, House	524 E. Dewey, Nampa (1986/09/11)	86002163	14,340 feet southwest
NRIS = National Register Information System			

ON Semiconductor Stormwater Pollution Prevention Plan	Document Number: 12MNP06389G	Revision: F
	Page 50 of 50	

13.0 Revision History

Revision	Change Originator	ECO	Change Analyst	Effective Date
O	Michelle McMullen	ECO-NBOI-096547	Margit Curtright	20 Oct 2015
New document				
A	Michelle McMullen	ECO-NBOI-120516	Shaun Harry	17 Oct 2016
Annual Review - Remove Version date on cover sheet, update responsible officer signatures Update titles and streamline Table 2.1. Delete Appendix E and F, and link Appendix's to controlled document forms				
B	Michelle McMullen	ECO-NBOI-138623	Margit Curtright	19 Jun 2017
EICC internal audit demonstrated confusion over whether the EICC requirements was met. Clarification needed to show conformance. P 22 Added "The annual report will involve a comprehensive evaluation of control measures and" to the beginning of the last sentence in the paragraph				
C	Michelle McMullen	ECO-NBOI-151263	Margit Curtright	14 Nov 2017
PDR Updated to standard template. 8.3.4 - Change malathion acute toxicity from 16.5 ug/L to 0.049 ug/L and chronic toxicity form 0.04 ug/L to 0.06 ug/L. Added new EPA TSS annual sample requirement. Appendices - Incorporated attachments into document instead of as separate linked documents. Did not include the following as appendices (forms and external documents referenced in Section 2.1): 2015 EPA NPDES Multi-Sector General Permit for Stormwater Discharges Associated with Industrial Activity (MSGP) Employee Training Log Routine Inspection Form and Completed Routine Inspections Visual Assessment Form and Completed Visual Inspections Modification Signature to SWPPP Maintenance Log Deviation Log Corrective Action Documentation				
D	Michelle McMullen	ECO-NBOI-190585	Shaun Harry	2 Nov 2018
PDR Remove Engineer from Table 1				
E	Michelle McMullen	ECO-NBOI-230143	Cody James	18 Nov 2019
1.1 reformat for clarity, Add 3.2 chemical hazards and 3.4 Activity specific safety information, Table 2 Remove EPCRA313 column. 5.3 replace map with unreadable waterway labels, 6.0 Replace 313 with 312. 6.6 update for our 2 discharge year, 8.3 reformat for clarity. Appendix A removed EPCRA 313 column from table. Renamed remaining appendix.				
F	Michelle McMullen	ECO-NBOI-270922	Rebecca Bradley	08 Dec 2020
PDR; Updated template to revision E. Changed references of LMS to Learning +. Reformatted tables to reduce redundancy				

Electronic versions are uncontrolled except when accessed directly from the Document Repository.

Printed versions are uncontrolled except when stamped "CONTROLLED COPY."

TEM001737 Revision E

ON Semiconductor Internal Use Only