

Industrial Stormwater Inspection Checklist

For facilities discharging under an industrial stormwater permit — CA IGP, WA ISGP, OR 1200-Z, or EPA MSGP.
Fill on a phone or tablet in the field, save, and file with your SWPPP records. Prints clean for clipboard use.

1. FACILITY & INSPECTION RECORD

FACILITY NAME		PERMIT / WDID NO.	SIC CODE
SITE ADDRESS		INSPECTOR NAME	CERT. (QISP / QSD / OTHER)
DATE	TIME	RAIN YEAR	RECEIVING WATER

INSPECTION TYPE

Monthly visual observation	QSE sampling event	Pre-storm
Post-storm	Non-stormwater discharge	Other

CURRENT ERA STATUS Baseline Level 1 Level 2 N/A — non-CA permit

2. WEATHER & DISCHARGE

Record for every inspection

PRECIPITATION SINCE LAST INSPECTION?		STORM START (DATE / TIME)		DURATION (HRS)	RAINFALL (IN.)
Yes	No				
QUALIFYING STORM EVENT?		DISCHARGE OCCURRING NOW?		DISCHARGE START TIME	WEATHER AT INSPECTION
Yes	No	Yes	No		

QSE DEFINITION. ≥ 0.1 in. precipitation, preceded by 48 hours of no discharge. Sample within 4 hours of discharge start or of the start of scheduled operating hours. CA IGP requires 2 sampled QSEs per half rain year. Confirm against your permit.

QSEs SAMPLED THIS RAIN YEAR 1st half (Jul 1 – Dec 31) of 2 2nd half (Jan 1 – Jun 30) of 2

3. GENERAL SITE CONDITIONS

Free text — anything the form doesn't capture

Weather, access limitations, work in progress, anything unusual. Write it here while you're standing in it.

 gullywasher.com

 info@gullywasher.com

 (206) 799-3296

Main Office

 5242 57th Avenue South
Seattle, WA 98118

Hydraulics Lab

 520 Bridges Avenue South
Kent, WA 98032

Satellite Office

 16026 Bimini Lane
Huntington Beach, CA 92649

4. NON-STORMWATER DISCHARGES

Log every occurrence

NON-STORMWATER DISCHARGE OBSERVED?

None observed

Observed — authorized

Observed — unauthorized

DATE / TIME	LOCATION	DESCRIPTION / SUSPECTED SOURCE	AUTHORIZED?	ACTION TAKEN

5. DISCHARGE LOCATION OBSERVATIONS

Observe every discharge location

Check any condition observed. Every check requires a matching entry in Section 10, Corrective Actions.

TOTAL DISCHARGE LOCATIONS

DISCHARGE LOCATION ID	FLOATING / SUSP. MATERIAL	SHEEN / OIL & GREASE	DISCOLORATION	TURBIDITY	ODOR	SUSPECTED SOURCE & IMMEDIATE ACTION

6. INDUSTRIAL ACTIVITY AREAS & EXPOSURE

Walk each area where industrial activity or materials are exposed to stormwater. N/A if the activity is not present at this facility.

AREA OF CONCERN	INSPECTED	ISSUE FOUND	ACTION REQ'D	N/A
Material storage — outdoor (drums, totes, raw stock) Containment intact, lids closed, no staining				
Loading & unloading areas No spills, drains protected, canopy condition				
Waste handling & disposal (dumpsters, compactors, scrap) Lids closed, no leachate, containment dry				
Vehicle & equipment fueling No leaks, spill kit stocked, surface clean				
Vehicle & equipment maintenance / washing Wash water contained, no discharge to storm drain				
Outdoor manufacturing or processing Process residue controlled, surfaces swept				
Dust & particulate generating activities Controls in place, no visible track-out				
Erodible surfaces, exposed soils, stockpiles Stabilized or covered, perimeter controls intact				
Rooftops, gutters, downspouts Galvanized surfaces are a primary zinc source				
Parking & vehicle traffic areas Brake and tire wear are zinc and copper sources				
Above-ground tanks & secondary containment Containment empty, valves closed, no sheen				
Site perimeter & run-on from adjacent property Run-on diverted, no off-site sediment entering				

7. MINIMUM BMP CONDITION

MINIMUM BMP (REQUIRED AT ALL PERMITTED FACILITIES)	ADEQUATE	NEEDS ACTION	N/A
Good housekeeping — surfaces swept, no accumulated debris or residue			
Preventive maintenance — equipment inspected, no leaks from stationary equipment			
Spill & leak response — kits stocked and accessible, procedures posted			
Material handling & waste management — covered, contained, labelled			
Erosion & sediment controls — installed, intact, functioning			
Employee training — current for all staff with SWPPP responsibilities			
Quality assurance & record keeping — logs current, records retained			

8. TREATMENT CONTROL BMPS

Biofilters, inserts, socks, clarification

UNIT ID / TYPE	LOCATION	MEDIA INSTALLED	CONDITION	NOTES

CONDITION CHECKS — APPLY TO EACH TREATMENT UNIT ABOVE

Inlet and grate clear of debris

No bypass or short-circuiting observed

Media within stated service life

Maintenance log current and on file

Sediment accumulation within design limits

No standing water beyond drawdown period

Housing, frame, and grate intact

Upstream controls (check dams, socks) intact

MEDIA SERVICE LIFE IS THE MOST COMMONLY MISSED ITEM ON THIS PAGE.

A treatment unit past its media life still looks installed and still passes a walkthrough. It is not treating. Record the install date on every unit and track it — an expired filter is the most common cause of a facility falling out of compliance after it was in.

9. SAMPLING RECORD & BENCHMARK REFERENCE

DISCHARGE LOCATION	TIME SAMPLED	PARAMETERS	LAB / CHAIN OF CUSTODY

METALS BENCHMARK QUICK REFERENCE — mg/L

PARAMETER	CA IGP (ANNUAL NAL)	WA ISGP	OR 1200-Z	EPA MSGP
Total zinc	0.26	0.117	0.120	Hardness-dependent
Total copper	0.0332	0.014	0.020	Hardness-dependent
pH (standard units)	6.0 – 9.0	5.0 – 9.0	5.5 – 9.0	6.0 – 9.0
Total suspended solids	100	—	100	100
Oil & grease	15	10	10	15

WATCH FOR TMDLS. A TMDL on your receiving water can set limits well below these values. EPA MSGP zinc and copper are hardness-dependent — zinc typically falls between 0.037 and 0.260 mg/L. Always verify against your own permit and receiving water.

10. CORRECTIVE ACTIONS

#	FINDING & LOCATION	CORRECTIVE ACTION	RESPONSIBLE	DUE DATE
1				
2				
3				
4				
5				
6				

11. NOTES & SITE SKETCH

Number your BMPs on a site map and reference those numbers here. It makes every future inspection faster and every audit defensible.

12. CERTIFICATION & RECORD RETENTION

INSPECTOR SIGNATURE / TYPED NAME	TITLE	DATE
REVIEWED BY (SWPPP / QISP)	TITLE	DATE

RETENTION. Most industrial stormwater permits require inspection records be retained for five years and kept on site with the SWPPP, available on request. Save this completed form to your SWPPP file the day the inspection is performed.

Found something on this walk you can't fix with a broom?

Repeat findings at the same discharge location usually mean the problem is upstream of housekeeping. We build biofilters, catch basin inserts, filter socks, and custom treatment systems — and we'll tell you if you don't need one.

Talk to Jeff Pettey, Process Engineer

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