PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
NAME PORTLAND GENERAL ELECTRIC CO
ADDRESS 121 SW SALMON STREET
PORTLAND OR 97204

FACILITY
LOCATION
ATTN: R. J. HESS, MANAGER

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004
Expires 3-31-89

(1-16) OR0023451 — PERMIT NUMBER
(17-19) 001 A — DISCHARGE NUMBER

F - FINAL
DISCHARGE & DILUTION STRUCTURE

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	89	07	01	TO	89	07	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

MAJOR (SUBR 05)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
TEMPERATURE, WATER DEG. FAHRENHEIT	SAMPLE MEASUREMENT	******	******		******	67.0	******		0	Continuous	RCORDR
00011 G 0 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	******	******	******	******	REPORT	******	DEG.F		CONTINUOUS	RCORDR
TEMPERATURE, WATER DEG. FAHRENHEIT	SAMPLE MEASUREMENT	******	******		******	******	74.0		0	Continuous	RCORDR
00011 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	******	******	******	93.0	DEG.F		CONTINUOUS	CORDR
TEMPERATURE, WATER DEG. FAHRENHEIT	SAMPLE MEASUREMENT	******	******		******	3.0	7.0		0	Continuous	RCORDR
00011 2 0 0 EFFLUENT NET VALUE	PERMIT REQUIREMENT	******	******	******	******	10.0 30DA AVG	16.0 DAILY MX	DEG.F		CONTINUOUS	CORDR
THERMAL DISCHARGE MILLION BTUS PER HR.	SAMPLE MEASUREMENT	******	75		******	******	******		0	Daily	Contin
00015 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	79 DAILY MX	MBTU/HR	******	******	******	******		DAILY	CONTIN
PH	SAMPLE MEASUREMENT	******	******		7.6	******	8.2		0	Continuous	RCORDR
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	******	6.0 MINIMUM	******	9.0 MAXIMUM	SU		CONTINUOUS	CORDR
SODIUM, TOTAL (AS NA)	SAMPLE MEASUREMENT	******	******		******	5	5		0	Once/Month	COMPOS
00929 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	******	******	25 30DA AVG	100 DAILY MX	MG/L		ONCE/MONTH	COMPOS
SULFATE, TOTAL (AS SO4)	SAMPLE MEASUREMENT	******	******		******	6.7	6.7		0	Once/Month	COMPOS
00945 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	******	******	240 30DA AVG	824 DAILY MX	MG/L		ONCE/MONTH	COMPOS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: R. J. Hess/Manager
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319 (Penalties under these statutes may include fines up to $10,000 and/or maximum imprisonment of between 6 months and 5 years)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: R J Hess

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
503	464-8521	89	08	9

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

8909070123 890823
PDR ADOCK 05000344
S PDR

EPA Form 3320-1 (Rev. 10-79) PREVIOUS EDITION TO BE USED UNTIL SUPPLY IS EXHAUSTED. (REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

00013/123088-1624

PAGE 1 OF

PERMITTEE NAME/ADDRESS (Facility Name/Location if different)

NAME PORTLAND GENERAL ELECTRIC CO

ADDRESS 121 SW SALMON STREET

PORTLAND OR 97204

FACILITY

LOCATION

ATTN: R. J. HESS, MANAGER

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004
Expires 3-31-88

(2-16) OR0023451 — PERMIT NUMBER

(17-19) 001 A — DISCHARGE NUMBER

F - FINAL

DISCHARGE & DILUTION STRUCTURE

MONITORING PERIOD

FROM YEAR	MO	DAY	TO YEAR	MO	DAY
89	07	01	89	07	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

MAJOR (SUBR 05)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
BORON, TOTAL (AS B)	SAMPLE MEASUREMENT	******	******		******	0.05	0.05		0	Once/ Month	COMPOS
01022 1 0 0	PERMIT REQUIREMENT	******	******	******	******	0.1 30DA AVG	1.0 DAILY MX	MG/L		ONCE/ MONTH	COMPOS
EFFLUENT GROSS VALUE											
ALUMINUM, TOTAL (AS AL)	SAMPLE MEASUREMENT	******	******		******	0.18	0.18		0	Once/ Month	COMPOS
01105 1 0 0	PERMIT REQUIREMENT	******	******	******	******	0.5 30DA AVG	0.8 DAILY MX	MG/L		ONCE/ MONTH	COMPOS
EFFLUENT GROSS VALUE											
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	52.1		******	******	******		0	Daily	Measrd
50050 1 0 0	PERMIT REQUIREMENT	******	64.3 DAILY MX	MGD	******	******	******	******		DAILY	MEASRD
EFFLUENT GROSS VALUE											
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	******	******		******	******	<0.1		0	Continuous	RCORDR
50060 1 0 0	PERMIT REQUIREMENT	******	******	******	******	******	0.1 DAILY MX	MG/L		CONTINUOUS	RCORDR
EFFLUENT GROSS VALUE											
SOLIDS, TOTAL DISSOLVED	SAMPLE MEASUREMENT	******	******		******	69.3	81.0		0	Weekly	COMP24
70295 1 0 0	PERMIT REQUIREMENT	******	******	******	******	REPORT 30DA AVG	REPORT DAILY MX	MG/L		WEEKLY	COMP24
EFFLUENT GROSS VALUE											
	SAMPLE MEASUREMENT										
	SAMPLE MEASUREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

R. J. Hess/Manager

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to $10,000 and/or maximum imprisonment of between 6 months and 5 years.)

R J Hess

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE AREA CODE	NUMBER	DATE YEAR	MO	DAY
503	464-8521	89	08	9

COMMENT AND EXPLANATION OF ANY VIOLATIONS. (Reference all attachments here)

[redacted]

EPA Form 3320-1 (Rev. 10-79) PREVIOUS EDITION TO BE USED UNTIL SUPPLY IS EXHAUSTED. (REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

00014/123088-1624

RMITTEE NAME/ADDRESS (Include
ility Name/Location if different)
ME PORTLAND GENERAL ELECTRIC CO
DRESS 121 SW SALMON STREET
PORTLAND OR 97204

CILITY
CATION
TTN: R. J. HESS, MANAGER

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16)	(17-19)
OR0023451	001 B
PERMIT NUMBER	DISCHARGE NUMBER

F - FINAL
COOLING WATER RIVER TEMP <66F

Form Approved
OMB No. 2040-0004
Expires 3-31-88

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	89	07	01	TO	89	07	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

MAJOR (SUBR 05)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53) QUANTITY OR LOADING (54-61) AVERAGE	MAXIMUM	UNITS	(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) (54-61) MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
EMPERATURE, WATER EG. FAHRENHEIT 0011 G 0 0 AW SEW/INFLUENT	SAMPLE MEASUREMENT	******	******		******		******				
	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT	******	DEG.F		CONTINR UOUS	CORDR
EMPERATURE, WATER EG. FAHRENHEIT 0011 1 0 0 FFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	******					
	PERMIT REQUIREMENT	******	******	**** ****	******	******	16	DEG.F		CONTIN UOUS	CORDR
HERMAL DISCHARGE ILLION BTUS PER HR. 0015 1 0 0 FFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******			******	******	******				
	PERMIT REQUIREMENT	******	240 M INST MX	BTU/ HR	******	******	******	**** ****		DAILY	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT			NOT	APPLICABLE						
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
R. J. Hess/Manager	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319 (Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years)	R J Hess					
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	503 AREA CODE	464-8521 NUMBER	89 YEAR	08 MO	9 DAY

OMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

SE THIS DMR TO REPORT TEMP & HEAT DISCHARGE DURING COOLDOWN OPERATIONS WHEN COLUMBIA RIVER WATER TEMP DJACENT TO PLANT SITE IS <66F.

ERMITTEE NAME/ADDRESS (Include acility Name/Location if different)
AME PORTLAND GENERAL ELECTRIC CO
DDRESS 121 SW SALMON STREET
PORTLAND OR 97204
ACILITY
OCATION
TTN: R. J. HESS, MANAGER

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16) OR0023451 — PERMIT NUMBER
(17-19) 001 C — DISCHARGE NUMBER

F - FINAL
COOLING WATER RIVER TEMP >58F

Form Approved
OMB No. 2040-0004
Expires 3-31-88

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	89	07	01	TO	89	07	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

MAJOR (SUBR 05)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53) QUANTITY OR LOADING (54-61) AVERAGE	MAXIMUM	UNITS	(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) MINIMUM	AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
TEMPERATURE, WATER DEG. CENTIGRADE	SAMPLE MEASUREMENT	******	******		******						
00010 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	********	******	REPORT	REPORT INST MX	DEG.C		CONTINUOUS	CONTIN
TEMPERATURE, WATER DEG. FAHRENHEIT	SAMPLE MEASUREMENT	******	******		******	******					
00011 G 0 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	******	******	********	******	******	REPORT	DEG.F		CONTINUOUS	CONTIN
TEMPERATURE, WATER DEG. FAHRENHEIT	SAMPLE MEASUREMENT	******	******		******	******					
00011 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	********	******	******	8	DEG.F		CONTINUOUS	CONTIN
THERMAL DISCHARGE MILLION BTUS PER HR.	SAMPLE MEASUREMENT	******			******	******	******				
00015 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	160 MBTU/ INST MX	HR	******	******	******	********		CONTINUOUS	RCORDR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT				NOT APPLICABLE						
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: R. J. Hess/Manager
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to $10,000 and/or maximum imprisonment of between 6 months and 5 years.)

RJHess
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
503	464-8521	89	08	9
AREA CODE	NUMBER	YEAR	MO	DAY

OMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

SE THIS DMR TO REPORT TEMP & HEAT DISCHARGE DURING COOLDOWN OPERATIONS WHEN COLUMBIA RIVER WATER TEMP DJACENT TO PLANT SITE >66F.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

PERMIT NUMBER (2-16): OR0023451
DISCHARGE NUMBER (17-19): 002 A

F - FINAL
DOMESTIC WASTE

MONITORING PERIOD

FROM YEAR (20-21)	MO (22-23)	DAY (24-25)	TO YEAR (26-27)	MO (28-29)	DAY (30-31)
89	07	01	89	07	31

MAJOR (SUBR 05)

NOTE: Read instructions before completing this form.

NAME/ADDRESS (Include Facility Name/Location if different)
NAME PORTLAND GENERAL ELECTRIC CO
ADDRESS 121 SW SALMON STREET
PORTLAND OR 97204
FACILITY
LOCATION
ATTN: R. J. HESS, MANAGER

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
OD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT	1.4	4.2		******	10.9	31.7		1	Weekly	COMP24
0310 1 0 1 EFFLUENT GROSS VALUE		12.5 30DA AVG	25.0 DAILY MX	LBS/DY	******	20 30DA AVG	30 DAILY MX	MG/L		WEEKLY	COMP24
H	SAMPLE MEASUREMENT	******	******		6.65	******	7.52		0	Daily	Grab
0400 1 0 0 EFFLUENT GROSS VALUE		******	****** **** ****		6.0 MINIMUM	******	9.0 MAXIMUM	SU		DAILY	GRAB
OLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	0.5	0.8		******	4.0	6.2		0	Weekly	COMP24
0530 1 0 1 EFFLUENT GROSS VALUE		12.5 30DA AVG	25.0 DAILY MX	LBS/DY	******	20 30DA AVG	30 DAILY MX	MG/L		WEEKLY	COMP24
OLIFORM, FECAL MF, M-FC BROTH,44.5C	SAMPLE MEASUREMENT	******	******		******	<2	<2		0	Twice/ Month	Grab
1616 1 0 0 EFFLUENT GROSS VALUE		******	****** **** ****		******	200 30DA AVG	400 #/ DAILY MX	100ML		ONCE/ MONTH	GRAB
LOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.013	******		******	******	******		0	Daily	Measrd
0050 1 0 1 EFFLUENT GROSS VALUE		0.075 30DA AVG	******	MGD	******	******	****** **** ****			DAILY	MEASRD
HLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	******	******		******	0.4	******		0	Daily	GRAB
0060 1 0 0 EFFLUENT GROSS VALUE		******	****** **** ****		******	REPORT 30DA AVG	******	MG/L		DAILY	GRAB
	SAMPLE MEASUREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: R. J. Hess/Manager
TYPED OR PRINTED

"I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319 (Penalties under these statutes may include fines up to $10,000 and/or maximum imprisonments of between 6 months and 5 years.)"

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: RJ Hess

TELEPHONE: AREA CODE 503, NUMBER 464-8521

DATE: YEAR 89, MO 08, DAY 9

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
"D" INDICATES [illegible] OCTOBER.
"P" INDICATES [illegible] - MAY.

EPA Form 3320-1 (Rev. 8-88) Previous editions may be used. (REPLACES EPA FORM T-48 WHICH MAY NOT BE USED.)

00006/022289-2000

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME PORTLAND GENERAL ELECTRIC CO

ADDRESS 121 SW SALMON STREET
PORTLAND OR 97204

FACILITY

LOCATION

ATTN: R. J. HESS, MANAGER

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16) PERMIT NUMBER: OR0023451

(17-19) DISCHARGE NUMBER: 003 A

F - FINAL
SETTLING BASIN EFFLUENT

Form Approved
OMB No. 2040-0004
Expires 3-31-88

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	89	07	01	TO	89	07	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

MAJOR (SUBR 05)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.8	0.8		******	******	******		0	Once/ Month	COMP24
	PERMIT REQUIREMENT	15 30DA AVG	50 DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMP24
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 0 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******			******	******	******				
	PERMIT REQUIREMENT	******	0.16	MGD	******	******	******	**** ****			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0.042		******	******	******		0	Daily	Measrd
	PERMIT REQUIREMENT	******	0.08 DAILY MX	MGD	******	******	******	**** ****		DAILY	MEASRD
	SAMPLE MEASUREMENT										
	SAMPLE MEASUREMENT										
	SAMPLE MEASUREMENT										
	SAMPLE MEASUREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

R. J. Hess/Manager

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to $10,000 and/or maximum imprisonment of between 6 months and 5 years.)

R J Hess

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
503	464-8521	89	08	9
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

"D" INDICATES FLOW IF NEUTRALIZING TANK IS DISCHARGED THRU THE SETTLING BASIN.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME PORTLAND GENERAL ELECTRIC CO

ADDRESS 121 SW SALMON STREET

PORTLAND OR 97204

FACILITY

LOCATION

ATTN: R. J. HESS, MANAGER

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004
Expires 3-31-88

(2-16) OR0023451 — PERMIT NUMBER

(17-19) 004 A — DISCHARGE NUMBER

F - FINAL

BOILER BLOWDOWN

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	89	07	01	TO	89	07	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

MAJOR - (SUBR 05)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53) QUANTITY OR LOADING (54-61) AVERAGE	MAXIMUM	UNITS	(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) MINIMUM	AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
COPPER, TOTAL (AS CU) 01042 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0.048		******	******	******		0	Once/Month	COMP24
	PERMIT REQUIREMENT	******	1.0 DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/MONTH	COMP24
IRON, TOTAL (AS FE) 01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0.011		******	******	******		0	Once/Month	COMP24
	PERMIT REQUIREMENT	******	1.0 DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/MONTH	COMP24
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.043	******		******	******	******		0	Daily	ESTIMA
	PERMIT REQUIREMENT	REPORT 30DA AVG	******	MGD	******	******	***	*** ****		DAILY	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

R. J. Hess/Manager

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319 (Penalties under these statutes may include fines up to $10,000 and/or maximum imprisonment of between 6 months and 5 years)

RJHess

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
503	464-8521	89	08	9
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PRIOR TO MIXING WITH OTHER WASTE STREAMS.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME PORTLAND GENERAL ELECTRIC CO

ADDRESS 121 SW SALMON STREET

PORTLAND OR 97204

FACILITY

LOCATION

ATTN: R. J. HESS, MANAGER

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16) OR0023451 — PERMIT NUMBER

(17-19) 005 A — DISCHARGE NUMBER

F - FINAL

NEUTRALIZING TANK EFFLUENT

Form Approved OMB No. 2040-0004 Expires 3-31-88

MONITORING PERIOD

FROM YEAR (20-21)	MO (22-23)	DAY (24-25)	TO YEAR (26-27)	MO (28-29)	DAY (30-31)
89	01	01	89	01	31

MAJOR (SUBR 05)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53) QUANTITY OR LOADING (54-61) AVERAGE	MAXIMUM	UNITS	(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) MINIMUM	AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	1.4	3.9		******	******	******		0	Weekly	GRAB
00530 1 0 0	PERMIT REQUIREMENT	15 30DA AVG	50 DAILY MX	LBS/DY	******	******	******	*** ****		WEEKLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.024		******	******	******		0	Weekly	ESTIMA
50050 1 0 0	PERMIT REQUIREMENT	******	0.08 DAILY MX	MGD	******	******	******	*** ****		WEEKLY	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

R. J. Hess/Manager

TYPED OR PRINTED

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RJ Hess

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 503 — NUMBER 464-8521

DATE: YEAR 89 — MO 08 — DAY 9

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PRIOR TO MIXING WITH OTHER WASTE STREAMS.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME PORTLAND GENERAL ELECTRIC CO

ADDRESS 121 SW SALMON STREET
PORTLAND OR 97204

FACILITY

LOCATION

ATTN: R. J. HESS, MANAGER

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16) PERMIT NUMBER: OR0023451

(17-19) DISCHARGE NUMBER: 006 A

F - FINAL
OIL/WATER SEPERATOR EFFLUENT

Form Approved
OMB No. 2040-0004
Expires 3-31-88

MONITORING PERIOD

FROM YEAR	MO	DAY	TO YEAR	MO	DAY
89	07	01	89	07	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

MAJOR (SUBR 05)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53) QUANTITY OR LOADING (54-61) AVERAGE	MAXIMUM	UNITS	(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) MINIMUM	AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	10.9	38.9		******	******	******		0	Four Times/ Month	GRAB
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	15 30DA AVG	50 DAILY MX	LBS/DY	******	******	******	**** ****		TWICE/ MONTH	GRAB
OIL AND GREASE (SOXHLET EXTR.) TOT.	SAMPLE MEASUREMENT	2.3	3.0		******	******	******		0	Twice/ Month	GRAB
00550 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	8 30DA AVG	10 DAILY MX	LBS/DY	******	******	******	**** ****		TWICE/ MONTH	GRAB
	SAMPLE MEASUREMENT										
	SAMPLE MEASUREMENT										
	SAMPLE MEASUREMENT										
	SAMPLE MEASUREMENT										
	SAMPLE MEASUREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

R. J. Hess/Manager

TYPED OR PRINTED

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RJHess

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE AREA CODE	NUMBER	DATE YEAR	MO	DAY
503	464-8521	89	08	9

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PRIOR TO MIXING WITH OTHER WASTE STREAMS

EPA Form 3320-1 (Rev. 10-79) PREVIOUS EDITION TO BE USED UNTIL SUPPLY IS EXHAUSTED. (REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

00103/123088-1624

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME PORTLAND GENERAL ELECTRIC CO

ADDRESS 121 SW SALMON STREET

PORTLAND OR 97204

FACILITY

LOCATION

ATTN: R. J. HESS, MANAGER

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004
Expires 3-31-89

(2-16) PERMIT NUMBER: OR0023451

(17-19) DISCHARGE NUMBER: 007 A

F - FINAL

MISC DRAINAGE,RECREATION LAKE

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	89	07	01	TO	89	07	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

MAJOR (SUBR 05)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53) QUANTITY OR LOADING (54-61) AVERAGE	MAXIMUM	UNITS	(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) MINIMUM	AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
PH	SAMPLE MEASUREMENT	******	******		7.57	******	7.57		0	Once/ Month	GRAB
00400 1 0 0	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		ONCE/ MONTH	GRAB
OIL AND GREASE (SOXHLET EXTR.) TOT.	SAMPLE MEASUREMENT	******	******		******	******	0.4		0	Once/ Month	GRAB
00550 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	10	MG/L		ONCE/ MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

R. J. Hess/Manager

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RJHess

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
503	464-8521	89	08	9
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PRIOR TO MIXING WITH OTHER WASTE STREAMS.