HANNON ARMSTRONG Environmental Metrics for Fiscal Year Ended December 31, 2019

REPORTING BOUNDARY

NEI OKTINO DO OTREAKT	
% of Occupied Facilities Covered in Reporting	100.0%
Revenues Covered in Reporting	100.0%
Full Time Employees	60
TOTAL ENERGY CONSUMPTION	
Total Annual Energy Consumption (MWh)	218
Total Annual Renewable Energy Consumption	218
Percentage of Total Energy Consumed Supplied by Renewable Energy	100.0%
Total Onsite Power Generated (MWh)	0
Self Generated Renewable Electricity	0
Onsite Fuel Used - Natural Gas (mmbtu)	0
Onsite Fuel Used - Oil/Diesel (mmbtu)	0
Onsite Fuel Used - Coal/Lignite (mmbtu)	0
Onsite Fuel Used - Biomass (mmbtu)	0
Renewable Energy Certificates (MWh)	0
Renewable Energy Purchased Under Power Purchase Agreement	0
Alternative Fuel Use %	0.0%
Solar % Total Energy	0.0%
Nuclear % Total Energy	0.0%
Biomass Fuel Use %	0.0%

GREENHOUSE GAS EMISSIONS REPORTED IN METRIC TONS OF CO_2 EQUIVALENT EMITTED OR (OFFSET) OVER ANNUAL REPORTING PERIOD¹

Scope 1	01
Scope 2 - Location Based	75¹
Scope 2 - Market Based	O ¹
Scope 3 - Total (excluding Category 15 - Investments)	532
Scope 3 Upstream - Subtotal	532
Scope 3 Category 1 - Purchased Goods and Services	37
Scope 3 Category 2 - Capital Goods	0
Scope 3 Category 3 - Fuel and Energy Related Activities	0
Scope 3 Category 4 - Upstream Transportation and Distribution	0
Scope 3 Category 5 - Waste Generated in Operations	21
Scope 3 Category 6 - Business Travel	326¹
Scope 3 Category 7 - Employee Commuting	167¹
Scope 3 Category 8 - Upstream Leased Assets	0
Scope 3 Downstream - Subtotal	0
Scope 3 Category 9 - Downstream Transportation and Distribution	0
Scope 3 Category 10 - Processing of Sold Products	0
Scope 3 Category 11 - Use of Sold Products	0
Scope 3 Category 12 - End of Life Treatment of Sold Products	0
Scope 3 Category 13 - Downstream Leased Assets	0
Scope 3 Category 14 - Franchises	0

HANNON ARMSTRONG Environmental Metrics for Fiscal Year Ended December 31, 2019

GREENHOUSE GAS EMISSIONS REPORTED IN METRIC TONS OF CO₂ EQUIVALENT EMITTED OR (OFFSET) OVER ANNUAL REPORTING PERIOD (CONTINUED)

Total CO, Emissions 0 Methane 0 Direct Nitrous Oxide Emissions 0 Direct Sulfur Hexalfuoride Emissions 0 Direct Methane Emissions 0 Direct SPE Emissions 0 DIFECT SPECEMISSIONS 0 DIFECT SPECEMISSIONS REPORTED IN METRIC TONS 0 HEC 0 PFC 0 SF6 0 OVE Emissions 0 VOCE Emissions 0 Nox Emissions 0 Nox Emissions 0 Particulate Matter 0 COE Emissions 0 ODS Emissions 0 OS Emissions 0 OS Emissions 0	Direct CO ₂ Emissions	0
Methane 0 Direct Sulfur Hexofluoride Emissions 0 Direct Sulfur Hexofluoride Emissions 0 Direct Nitrous Oxide Emissions 0 Direct Nitrous Oxide Emissions 0 Direct FFC Emissions 0 Direct FFC Emissions 0 Direct FFC Emissions 0 OTHER EMISSIONS REPORTED IN METRIC TONS 0 Criteria Pollutants 0 FFC 0 SF6 0 YOC Emissions 0 SOX Emissions 0 Nox Emissions 0 Nox Emissions 0 OE Emissions 0 OD Emissions 0 OD Emissions 0 ODS Emissions 0 OS Emissions 0 OS Emissions 0 OS Emissions 0	Indirect CO ₂ Emissions	607¹
Direct Nitrous Oxide Emissions 0 Direct Methane Emissions 0 Direct Methane Emissions 0 Direct Nitrous Oxide Emissions 0 Direct Nitrous Oxide Emissions 0 Direct Nitrous Oxide Emissions 0 Direct PFC Emissions 0 OTHER EMISSIONS REPORTED IN METRIC TONS 0 Criteria Polutants 0 HFC 0 FC 0 SF6 0 VOC Emissions 0 VOC Emissions 0 Nox Emissions 0 Nox Emissions 0 Particulate Matter 0 HAPP 0 CO Emissions 0 ODS Emissions 0 ODS Emissions 0 OParticulate Emissions 0 OP Emissions 0 ODS Emissions 0 OP Emissions 0 OP Emissions 0 OP Emissions 0 OP Emissions 0	Total CO ₂ Emissions	0
Direct Sulfur Hexafluoride Emissions 0 Direct Mittous Oxide Emissions 0 Direct Fife Emissions 0 Direct FFC Emissions 0 Direct FFC Emissions 0 OTHER EMISSIONS REPORTED IN METRIC TONS 0 Citeria Pollutants 0 HFC 0 FFC 0 SF6 0 VOC Emissions 0 VOC Emissions 0 Nox Emissions 0 Particulate Matter 0 HAPS 0 CO Emissions 0 ODS Emissions 0 Particulate Emissions 0 GS Fairing 0 SO. Emissions 0 TOTAL WATER USE REPORTED IN KGALS 0 TOTAL WATER USE REPORTED IN KGALS 89 Total Quater Withdrawals 0 Surface Water Withdrawals 0 Surface Water Withdrawal 0 Surface Water Withdrawal 0 Cacial Water Lee 0 Total Wa	Methane	0
Direct Methane Emissions 0 Direct Nitrous Oxide Emissions 0 Direct FSE Emissions 0 Direct FFC Emissions 0 Direct FFC Emissions 0 DTHER EMISSIONS REPORTED IN METRIC TONS 0 Criteria Pollutants 0 HFC 0 FFC 0 SF6 0 VOC Emissions 0 VOC Emissions 0 Nox Emissions 0 Nox Emissions 0 Particulate Matter 0 HAPs 0 CO Emissions 0 DOS Emissions 0 ODS Emissions 0 OD Emissions 0 OD Emissions 0 TOTAL WATER USE REPORTED IN KGALS 0 TOTAL WATER Withdrawal for Corporate Uses 89 Groundwater Withdrawal 0 Sulf Water Use 0 Groundwater Withdrawal 0 Sulf Water Withdrawal 0 Sulf Water Withdrawal 0	Direct Nitrous Oxide Emissions	0
Direct Nitrous Oxide Emissions 0 Direct SF6 Emissions 0 Direct PFC Emissions 0 DOTHER EMISSIONS REPORTED IN METRIC TONS 0 TOTHER EMISSIONS REPORTED IN METRIC TONS Criteria Pollutants 0 HFC 0 PFC 0 SF6 0 VOC Emissions 0 VOX Emissions 0 Nox Emissions 0 Particulate Matter 0 CO Emissions 0 ODS Emissions 0 ODS Emissions 0 ODS Emissions 0 ODS Emissions 0 OD Emissions 0 </td <td>Direct Sulfur Hexafluoride Emissions</td> <td>0</td>	Direct Sulfur Hexafluoride Emissions	0
Direct FFC Emissions 0 Direct FFC Emissions 0 DOTHER EMISSIONS REPORTED IN METRIC TONS 0 Criteria Pollutants 0 HFC 0 PFC 0 SF6 0 VOC Emissions 0 Sox Emissions 0 Nox Emissions 0 Particulate Matter 0 HAPS 0 CO Emissions 0 ODS Emissions 0 Particulate Emissions 0 ODS Emissions 0 OD Semissions 0 TOTAL WATER USE REPORTED IN KGALS 0 Total WATER USE REPORTED IN KGALS 89 Municipal Water Use 89 Groundwater Withdrawal for Corporate Uses 89 Municipal Water Use 89 Groundwater Withdrawals 0 Salt Water Withdrawals 0 Salt Water Withdrawal 0 Reclaimed Water Use 0 Total Water Recycled 0 Process Water Us	Direct Methane Emissions	0
Direct PFC Emissions 0 OTHER EMISSIONS REPORTED IN METRIC TONS Criteria Pollutants 0 HFC 0 PFC 0 SF6 0 VOC Emissions 0 Nox Emissions 0 Nox Emissions 0 Particulate Matter 0 HAPs 0 CO Emissions 0 ODS Emissions 0 OSD Emissions 0 So. Emissions 0 So. Emissions 0 TOTAL WATER USE REPORTED IN KGALS 0 TOTAL WATER USE REPORTED IN KGALS 89 Municipal Water Use 89 Groundwater Withdrawals 0 Surface Water Withdrawals 0 Surface Water Withdrawals 0 Surface Water Withdrawals 0 Crotal Water Recycled 0 Process Water Use 0 Cotal Water Inflow 0 Cocoling Water Outflow 0 Water Discharges to Water 0 <	Direct Nitrous Oxide Emissions	0
Direct PFC Emissions 0 OTHER EMISSIONS REPORTED IN METRIC TONS 0 HFC 0 PFC 0 SF6 0 VOC Emissions 0 Nox Emissions 0 Nox Emissions 0 Particulate Matter 0 HAPS 0 CO Emissions 0 ODS Emissions 0 Particulate Emissions 0 GO Emissions 0 TOTAL WATER USE REPORTED IN KGALS 0 TOTAL WATER USE REPORTED IN KGALS 89 Municipal Water Use 89 Groundwater Withdrawal for Corporate Uses 89 Municipal Water Use 0 Groundwater Withdrawals 0 Salt Water Withdrawals 0 Salt Water Withdrawals 0 On Process Water Use 0 Otal Water Ford 0 Cooling Water Inflow 0 Cooling Water Inflow 0 Cooling Water Outflow 0 Discharges to	Direct SF6 Emissions	0
OTHER EMISSIONS REPORTED IN METRIC TONS Criteria Pollutants 0 HFC 0 PFC 0 SF6 0 VOC Emissions 0 Nox Emissions 0 Nox Emissions 0 Particulate Matter 0 HAPs 0 CO Emissions 0 OD SE Emissions 0 OD SE Emissions 0 OParticulate Emissions 0 Gas Flaring 0 SO, Emissions 0 TOTAL WATER USE REPORTED IN KGALS 0 TOTAL WATER USE REPORTED IN KGALS 89 Municipal Water Use 89 Groundwater Withdrawal for Corporate Uses 89 Municipal Water Use 0 Salt Water Withdrawals 0 Surface Water Withdrawal 0 Reclaimed Water Use 0 Total Water Recycled 0 Process Water Use 0 Water Olifor Water Inflow 0 Cooling Water Inflow 0	Direct HFC Emissions	0
Criteria Pollutants 0 HFC 0 SF6 0 VOC Emissions 0 VOS Emissions 0 Nox Emissions 0 Particulate Matter 0 HAPs 0 CO Emissions 0 ODS Emissions 0 Particulate Emissions 0 OB as Flaring 0 So Emissions 0 TOTAL WATER USE REPORTED IN KGALS 0 TOTAL WATER USE REPORTED IN KGALS 89 Municipal Water Use 89 Groundwater Withdrawals 0 Salt Water Withdrawals 0 Surface Water Withdrawal 0 Reclaimed Water Use 0 Total Water Recycled 0 Process Water Use 0 Water/Unit of Prod 0 Cooling Water Inflow 0 Cooling Water Outflow 0 Water Discharged 0 Discharges to Water 0	Direct PFC Emissions	0
HFC 0 SF6 0 VOC Emissions 0 Sox Emissions 0 Nox Emissions 0 Particulate Matter 0 HAPs 0 CO Emissions 0 CO Emissions 0 Particulate Emissions 0 CO Emissions 0 Particulate Emissions 0 Gas Flaring 0 SO ₂ Emissions 0 TOTAL WATER USE REPORTED IN KGALS 0 TOTAL WATER Withdrawal for Corporate Uses 89 Municipal Water Use 89 Groundwater Withdrawals 0 Salt Water Withdrawals 0 Surface Water Withdrawal 0 Surface Water Withdrawal 0 Curl Water Recycled 0 Process Water Use 0 Water/Unit of Prod 0 Cooling Water Inflow 0 Cooling Water Outflow 0 Water Discharged 0 Discharges to Water 0 <td>OTHER EMISSIONS REPORTED IN METRIC TONS</td> <td></td>	OTHER EMISSIONS REPORTED IN METRIC TONS	
PFC 0 SF6 0 VOC Emissions 0 Sox Emissions 0 Nox Emissions 0 Particulate Matter 0 HAPs 0 CO Emissions 0 ODS Emissions 0 Particulate Emissions 0 Gas Flaring 0 SO: Emissions 0 TOTAL WATER USE REPORTED IN KGALS 0 TOTAL WATER USE REPORTED IN KGALS 89 Municipal Water Use Revithdrawals 0 Groundwater Withdrawals 0 Sulf Water Withdrawals 0 Sulf Water Withdrawals 0 Surface Water Withdrawal 0 Colla Water Withdrawal 0 Could Water Withdrawal 0 Could Water Withdrawal 0 Colla Water Withdrawal 0 Colla Water Withdrawal 0 Colla Water Withdrawal 0 Colla Water Withdrawal 0 Cooling Water Inflow 0 Cooling W	Criteria Pollutants	0
SF6 0 VOC Emissions 0 Sox Emissions 0 Nox Emissions 0 Particulate Matter 0 HAPs 0 CO Emissions 0 ODS Emissions 0 Particulate Emissions 0 Gas Flaring 0 SO ₂ Emissions 0 TOTAL WATER USE REPORTED IN KGALS 89 Municipal Water Use flow withdrawal for Corporate Uses 89 Municipal Water Use 89 Groundwater Withdrawals 0 Sulf Water Withdrawal 0 Surface Water Withdrawal 0 Surface Water Use flow 0 Total Water Recycled 0 Process Water Use 0 Water/Unit of Prod 0 Cooling Water Inflow 0 Cooling Water Outflow 0 Water Discharged 0 Discharges to Water 0	HFC	0
VOC Emissions 0 Sox Emissions 0 Nox Emissions 0 Particulate Matter 0 HAPs 0 CO Emissions 0 ODS Emissions 0 Particulate Emissions 0 Gas Flaring 0 SO ₂ Emissions 0 TOTAL WATER USE REPORTED IN KGALS 0 TOTAL WATER USE REPORTED IN KGALS 89 Municipal Water Use 89 Groundwater Withdrawal for Corporate Uses 89 Groundwater Withdrawals 0 Salt Water Withdrawals 0 Surface Water Withdrawal 0 Reclaimed Water Use 0 Total Water Recycled 0 Process Water Use 0 Water/Unit of Prod 0 Cooling Water Inflow 0 Cooling Water Outflow 0 Water Discharged 0 Discharges to Water 0	PFC	0
Sox Emissions 0 Nox Emissions 0 Particulate Matter 0 HAPs 0 CO Emissions 0 ODS Emissions 0 Particulate Emissions 0 Gas Flaring 0 SO ₂ Emissions 0 TOTAL WATER USE REPORTED IN KGALS 0 TOTAL WATER USE REPORTED IN KGALS 89 Municipal Water Use 89 Groundwater Withdrawals 0 Salt Water Withdrawals 0 Salt Water Withdrawals 0 Surface Water Withdrawal 0 Reclaimed Water Use 0 Total Water Recycled 0 Process Water Use 0 Water/Unit of Prod 0 Cooling Water Inflow 0 Cooling Water Outflow 0 Water Discharged 0 Discharges to Water 0	SF6	0
Nox Emissions 0 Particulate Matter 0 HAPs 0 CO Emissions 0 ODS Emissions 0 Particulate Emissions 0 Gas Flaring 0 SO ₂ Emissions 0 TOTAL WATER USE REPORTED IN KGALS 0 Total Water Withdrawal for Corporate Uses 89 Municipal Water Use 89 Groundwater Withdrawals 0 Salt Water Withdrawals 0 Surface Water Withdrawal 0 Reclaimed Water Use 0 Total Water Recycled 0 Process Water Use 0 Water/Unit of Prod 0 Cooling Water Inflow 0 Cooling Water Outflow 0 Water Discharged 0 Discharges to Water 0	VOC Emissions	0
Particulate Matter 0 HAPs 0 CO Emissions 0 ODS Emissions 0 Particulate Emissions 0 Gas Flaring 0 SO ₂ Emissions 0 TOTAL WATER USE REPORTED IN KGALS 0 Total Water Withdrawal for Corporate Uses 89 Municipal Water Use 89 Groundwater Withdrawals 0 Salt Water Withdrawals 0 Surface Water Withdrawal 0 Reclaimed Water Use 0 Total Water Recycled 0 Process Water Use 0 Water/Unit of Prod 0 Cooling Water Inflow 0 Cooling Water Outflow 0 Water Discharged 0 Discharges to Water 0	Sox Emissions	0
HAPs 0 CC Emissions 0 ODS Emissions 0 Particulate Emissions 0 Gas Flaring 0 SO ₂ Emissions 0 TOTAL WATER USE REPORTED IN KGALS 87 Total Water Withdrawal for Corporate Uses 89 Municipal Water Use 89 Groundwater Withdrawals 0 Sulf Water Withdrawals 0 Surface Water Withdrawal 0 Surface Water Use 0 Total Water Recycled 0 Process Water Use 0 Water/Unit of Prod 0 Cooling Water Inflow 0 Cooling Water Outflow 0 Water Discharged 0 Discharges to Water 0	Nox Emissions	0
CO Emissions 0 ODS Emissions 0 Particulate Emissions 0 Gas Flaring 0 SO ₂ Emissions 0 TOTAL WATER USE REPORTED IN KGALS TOTAL WATER USE REPORTED IN KGALS Total Water Withdrawal for Corporate Uses 89 Municipal Water Use 89 Groundwater Withdrawals 0 Salt Water Withdrawals 0 Surface Water Withdrawal 0 Reclaimed Water Use 0 Total Water Recycled 0 Process Water Use 0 Water/Unit of Prod 0 Cooling Water Inflow 0 Cooling Water Outflow 0 Water Discharged 0 Discharges to Water 0	Particulate Matter	0
ODS Emissions 0 Particulate Emissions 0 Gas Flaring 0 SO ₂ Emissions 0 TOTAL WATER USE REPORTED IN KGALS TOTAL Water Withdrawal for Corporate Uses 89 Municipal Water Use 89 Groundwater Withdrawals 0 Salt Water Withdrawals 0 Surface Water Withdrawal 0 Reclaimed Water Use 0 Total Water Use 0 Total Water Use 0 Cooling Water Use 0 Water/Unit of Prod 0 Cooling Water Inflow 0 Water Outflow 0 Water Discharged 0 Discharges to Water 0	HAPs	0
Particulate Emissions 0 Gas Flaring 0 SO2 Emissions 0 TOTAL WATER USE REPORTED IN KGALS Total Water Withdrawal for Corporate Uses 89 Municipal Water Use 89 Groundwater Withdrawals 0 Salt Water Withdrawals 0 Surface Water Withdrawal 0 Reclaimed Water Use 0 Total Water Recycled 0 Process Water Use 0 Water/Unit of Prod 0 Cooling Water Inflow 0 Cooling Water Outflow 0 Water Discharged 0 Discharges to Water 0	CO Emissions	0
Gas Flaring 0 SO2 Emissions 0 TOTAL WATER USE REPORTED IN KGALS Total Water Withdrawal for Corporate Uses 89 Municipal Water Use 89 Groundwater Withdrawals 0 Salt Water Withdrawals 0 Surface Water Withdrawal 0 Reclaimed Water Use 0 Total Water Recycled 0 Process Water Use 0 Water/Unit of Prod 0 Cooling Water Inflow 0 Cooling Water Outflow 0 Water Discharged 0 Discharges to Water 0	ODS Emissions	0
SO2 Emissions 0 TOTAL WATER USE REPORTED IN KGALS Total Water Withdrawal for Corporate Uses 89 Municipal Water Use 89 Groundwater Withdrawals 0 Salt Water Withdrawals 0 Surface Water Withdrawal 0 Reclaimed Water Use 0 Total Water Recycled 0 Process Water Use 0 Water/Unit of Prod 0 Cooling Water Inflow 0 Cooling Water Outflow 0 Water Discharged 0 Discharges to Water 0	Particulate Emissions	0
TOTAL WATER USE REPORTED IN KGALS Total Water Withdrawal for Corporate Uses Municipal Water Use Groundwater Withdrawals Salt Water Withdrawals Surface Water Withdrawal Reclaimed Water Use Total Water Recycled Process Water Use Water/Unit of Prod Cooling Water Inflow Cooling Water Outflow Water Discharged Discharges to Water Total Water Sex	Gas Flaring	0
Total Water Withdrawal for Corporate Uses89Municipal Water Use89Groundwater Withdrawals0Salt Water Withdrawals0Surface Water Withdrawal0Reclaimed Water Use0Total Water Recycled0Process Water Use0Water/Unit of Prod0Cooling Water Inflow0Cooling Water Outflow0Water Discharged0Discharges to Water0	SO ₂ Emissions	0
Municipal Water Use Groundwater Withdrawals O Salt Water Withdrawals O Surface Water Withdrawal O Reclaimed Water Use O Total Water Recycled O Process Water Use O Water/Unit of Prod Cooling Water Inflow Cooling Water Outflow Water Discharged O Discharges to Water O O O O O O O O O O O O O O O O O O O	TOTAL WATER USE REPORTED IN KGALS	
Groundwater Withdrawals Surface Water Withdrawals Surface Water Withdrawal Reclaimed Water Use Total Water Recycled Process Water Use O Water/Unit of Prod Cooling Water Inflow Cooling Water Outflow Water Discharged Discharges to Water O O O O O O O O O O O O O	Total Water Withdrawal for Corporate Uses	89
Salt Water Withdrawals Surface Water Withdrawal Reclaimed Water Use O Total Water Recycled Process Water Use O Water/Unit of Prod Cooling Water Inflow Cooling Water Outflow Water Discharged Discharges to Water O	Municipal Water Use	89
Surface Water Withdrawal Reclaimed Water Use Total Water Recycled Process Water Use Water/Unit of Prod Cooling Water Inflow Cooling Water Outflow Water Discharged Discharges to Water 0 0 0 0 0 0 0 0 0 0 0 0 0	Groundwater Withdrawals	0
Reclaimed Water Use 0 Total Water Recycled 0 Process Water Use 0 Water/Unit of Prod 0 Cooling Water Inflow 0 Cooling Water Outflow 0 Water Discharged 0 Discharges to Water 0	Salt Water Withdrawals	0
Total Water Recycled 0 Process Water Use 0 Water/Unit of Prod 0 Cooling Water Inflow 0 Cooling Water Outflow 0 Water Discharged 0 Discharges to Water 0	Surface Water Withdrawal	0
Process Water Use 0 Water/Unit of Prod 0 Cooling Water Inflow 0 Cooling Water Outflow 0 Water Discharged 0 Discharges to Water 0	Reclaimed Water Use	0
Water/Unit of Prod 0 Cooling Water Inflow 0 Cooling Water Outflow 0 Water Discharged 0 Discharges to Water 0	Total Water Recycled	0
Cooling Water Inflow Cooling Water Outflow Water Discharged Discharges to Water 0	Process Water Use	0
Cooling Water Outflow 0 Water Discharged 0 Discharges to Water 0	Water/Unit of Prod	0
Water Discharged 0 Discharges to Water 0	Cooling Water Inflow	0
Discharges to Water 0	Cooling Water Outflow	0
Discharges to Water 0	Water Discharged	0
Biological Oxygen Demand of Discharges 0	Discharges to Water	0
	Biological Oxygen Demand of Discharges	0

HANNON ARMSTRONG Environmental Metrics for Fiscal Year Ended December 31, 2019

TOTAL WATER USE REPORTED IN KGALS (CONTINUED)

TOTAL WATER OSE REPORTED IN ROALS (CONTINOED)	
Chemical Oxygen Demand of Discharges	0
Nitrogen Discharges	0
Phosphorus Discharges	0
% Water Recycled	0
Water Stress Exposure %	0
TOTAL WASTE REPORTED IN METRIC TONS	
Total Paper Consumed	4
Waste Recycled	3
Hazardous Waste	0
Waste Sent to Landfills	12
Post-Consumer Recycled Paper as Percentage of Total Paper	100%
FINES	
Environmental Fines #	0
Environmental Fines \$	0
INVESTMENTS/COSTS	
Investments in Operational Sustainability	0
Certified Sites	0
Number of Sites	0
ISO 14001 Certified Sites	0
% Sites Certified	0