

# Maryland Department of the Environment

## MISSION

To protect and restore the environment for the health and well-being of all Marylanders.

## VISION

Healthy, vibrant and sustainable communities and ecosystems in Maryland.

## KEY GOALS, OBJECTIVES, AND PERFORMANCE MEASURES

### Goal 1. Provide excellent customer service and community outreach.

- Obj. 1.1** Respond to 90 percent of Public Information Act (PIA) requests within 30 days of receipt.
- Obj. 1.2** Meet permit turnaround times for 90 percent of the permits processed.
- Obj. 1.3** Respond to environmental emergencies to reduce risk to public health and the environment.

| Performance Measures  | 2015 Act. | 2016 Act. | 2017 Act. | 2018 Act. | 2019 Act. | 2020 Est. | 2021 Est. |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Percent of PIA responses issued within 30 days                  | 85%       | 73%       | 88%       | 90%       | 91%       | 91%       | 92%       |
| Percentage of permits processed within applicable standard time | 92.1%     | 95.3%     | 96.0%     | 95.4%     | 93.5%     | 92.0%     | 92.0%     |
| Number of environmental emergencies responded to                | 492       | 441       | 473       | 450       | 514       | 491       | 482       |

### Goal 2. Manage air quality and emissions for maximum protection of human health and the environment.

- Obj. 2.1** Achieve attainment with the eight-hour ozone and PM2.5 standards in the Baltimore and Washington metropolitan areas and Cecil County.
- Obj. 2.2** Reduce greenhouse gas (GHG) emissions.
- Obj. 2.3** Reduce emissions of criteria pollutants from power plants.

| Performance Measures (Calendar Year)  | 2015 Act. | 2016 Act. | 2017 Act. | 2018 Act. | 2019 Est. | 2020 Est. | 2021 Est. |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Number of exceedances of the eight-hour ozone standard                                  | 8         | 26        | 17        | 16        | 14        | 12        | 11        |
| Amount of greenhouse gases (in million tons per year) emitted from power plants         | 18.6      | 18.4      | 12.7      | 11.7      | 11.7      | 11.6      | 11.4      |
| Amount of criteria pollutants (in thousands of tons per year) emitted from power plants | 39        | 31        | 16        | 19        | 18        | 18        | 17        |

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## Goal 3. Reduce Maryland citizens' exposure to hazards.

- Obj. 3.1** Improve the initial significant compliance rate at radiation machine facilities to at least 80 percent.
- Obj. 3.2** Ensure that Maryland shellfish are harvested from waters that are clean enough to meet National Shellfish Sanitation Program requirements.
- Obj. 3.3** Reduce the number of elevated blood lead levels found.

| Performance Measures  | 2015 Act. | 2016 Act. | 2017 Act. | 2018 Act. | 2019 Act. | 2020 Est. | 2021 Est. |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Percent of inspected radiation machines in initial compliance       | 82%       | 81%       | 89%       | 89%       | 83%       | 84%       | 85%       |
| <sup>1</sup> Percent of required shellfish waters sampling achieved | 82%       | 81%       | 77%       | 80%       | 80%       | 80%       | 80%       |
| <sup>1</sup> Number of children tested for elevated blood lead      | 110,217   | 118,619   | 131,832   | 131,626   | 133,267   | 136,268   | 139,268   |
| <sup>1</sup> Reported exceedances of elevated blood lead standard   | 377       | 355       | 388       | 406       | 167       | 143       | 121       |

## Goal 4. Protect water resources and ensure safe and adequate supplies of drinking water.

- Obj. 4.1** Achieve 60 percent of Maryland's Chesapeake Bay nitrogen and phosphorus reduction goals by 2017, and 100 percent by 2025 (45.48 million lbs. nitrogen target by 2017 and 41.17 million lbs. by 2025; 3.01 million lbs. phosphorus target by 2017 and 2.81 million lbs. by 2025.)
- Obj. 4.2** Reduce the volume of sewage overflows by an amount equal to a 50 percent reduction of the three-year average amount (2002, 2003, 2004: 521,761,000 gallons).
- Obj. 4.3** Ensure that of the Maryland population served by public community water systems, at least 97 percent are served by systems that are in compliance with all drinking water regulations for which the department has received EPA's delegated authority approval (primacy).
- Obj. 4.4** Complete all federally-required Total Maximum Daily Load (TMDL) analyses to address 303d impaired waters listings.
- Obj. 4.5** Maintain 80 percent significant compliance with groundwater standards for all active municipal solid waste landfills each year.

| Performance Measures   | 2015 Act. | 2016 Act. | 2017 Act. | 2018 Act. | 2019 Act. | 2020 Est. | 2021 Est. |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <sup>1</sup> Annual Maryland nitrogen load to Bay (million lbs)  | 55.44     | 55.45     | 54.22     | 52.75     | 52.50     | 50.00     | 49.50     |
| <sup>1</sup> Annual Maryland phosphorus load to Bay (million lbs)  | 3.83      | 3.75      | 3.67      | 3.61      | 3.55      | 3.50      | 3.40      |
| Percent change in gallons of actual sewage overflow during the most recent consecutive three-year average compared to the FY2002-2004 three-year average amount of 521,761,000                 | -49%      | -61%      | -67%      | -52%      | 14%       | 22%       | 25%       |
| Of the Maryland population served by public community water systems, percent served by systems that are in compliance with all drinking water regulations for which the department has primacy | 90%       | 98%       | 99%       | 90%       | 92%       | 94%       | 94%       |
| <sup>1</sup> Percent of total required listings addressed from the schedule of 2016-2022 TMDL priority waters  | N/A       | 5%        | 10%       | 15%       | 28%       | 42%       | 69%       |
| Percentage of municipal solid waste landfills in significant compliance with groundwater standards   | 90%       | 90%       | 90%       | 90%       | 90%       | 90%       | 90%       |

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## Goal 5. Support and track sustainable materials management and waste reduction.

**Obj. 5.1** Reduce the quantity of waste disposed, per person, per year.

**Obj. 5.2** Increase diversion of organic materials from disposal by increasing the number of permitted composting facilities and increasing the quantity of organic materials recycled annually.

| <b>Performance Measures</b>                           | <b>2015 Act.</b> | <b>2016 Act.</b> | <b>2017 Act.</b> | <b>2018 Act.</b> | <b>2019 Est.</b> | <b>2020 Est.</b> | <b>2021 Est.</b> |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Statewide Maryland Recycling Act (MRA) recycling rate | 43.19%           | 42.91%           | 44.10%           | 44.71%           | 45.31%           | 45.92%           | 46.52%           |
| MRA waste disposed, per capita (tons)                 | 0.65             | 0.66             | 0.65             | 0.62             | 0.61             | 0.60             | 0.59             |
| Number of permitted composting facilities             | 0                | 12               | 18               | 23               | 25               | 27               | 29               |
| Quantity of organic materials recycled (tons)         | 891,244          | 975,822          | 972,427          | 1,016,672        | 1,062,931        | 1,111,294        | 1,161,858        |

## NOTES

<sup>1</sup> Data for 2019 is estimated.