

Part 2:

Growth Forecasts and Assessment of Future Capacity Requirements



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Foreword

Kirklees Unitary Authority commissioned this study in August 2016. The Waste Needs Assessment uses information correct at that time of publication and it is therefore a living document. This includes information on waste arisings obtained from the EA Waste Data Interrogator 2014 and the EA Hazardous Waste Data Interrogator 2014 (both published in October 2015). The study covers the local authority area of Kirklees.



Executive Summary

Content of the Data Study

- I. Urban Vision and 4Resources were contracted by Kirklees Council to prepare a Waste Needs Assessment. The Study evaluates a number of scenarios predicting future waste arisings in the period 2016 to 2031 comparing the results with existing local waste capacity to identify any gaps in provision that will need to be addressed. The Council has also specified that the work should provide forecasts over an additional five years beyond the end of the Plan period to 2036.
- II. The Study has been produced in two parts. Part 1 provides a detailed analysis of current waste arisings in Kirklees for all waste streams and of the movement of wastes into and out of the area. In both cases data refer to the situation in 2014 which is the latest year for which information is available on all the principal waste streams.
- III. This Report, Part 2, documents subsequent analysis that provides a detailed analysis of capacity gaps for managing each of the waste streams.

Waste Streams

- IV. Seven waste streams have been analysed to estimate the quantity of waste that will be produced within Kirklees as follows (with the analysis largely focused on the first five):
- Local Authority Collected Waste (LACW): waste collected by the Local Authority which is primarily waste produced by households (LACW(H)) but which can also include waste from certain non-household sources (LACW(Other)). Residues produced by the Energy From Waste (EfW) process which is used to treat some LACW(H) have also been included (LACW(Secondary))¹;
- Commercial and Industrial wastes (C&I): wastes produced by companies in all industry sectors, including C&I waste collected by the Local Authority;
- Construction, Demolition and Excavation wastes (CD&E): waste produced as a result of building, engineering, renovation and maintenance activities;
- <u>Hazardous waste</u>: A sub category of all waste streams, where the material produced is hazardous and requires specialist treatment;
- Agricultural Waste: waste produced by farming and forestry activity;

¹ These distinctions are made solely for the purposes of accurately identifying the respective quantities of wastes and how they are accounted for in this assessment in terms of how they are managed. They have no wider applicability.

- Low Level Non-Nuclear Radioactive Waste (LLW): waste associated with the use of low level radioactive substances (i.e. when taking x-rays and in laboratory testing); and
- Waste Water / Sewage Sludge: waste produced from washing, cleaning, and activities to treat waste water and sewage effluents.

Modelling Future Waste Arisings and Capacity Gaps

- V. Modelling work uses baseline data (set out in the Part 1 report referred to above) comprising the capacity of existing sites and the waste management functions they perform. This information is combined with projections of future change in arisings and management methods using combinations of five growth scenarios and three behaviour scenarios.
- VI. One growth scenario ('no growth') assumes arisings will remain at current levels throughout the period to 2031, although this is recognised as improbable. The other four scenarios assume increasing growth in arisings as follows:
- LACW increasing by between 3% and 3.3% per annum in the short term, and between 2% and 2.3% thereafter;
- The other main streams would increase by between 0.55% and 0.87% per annum over the Plan period.
- VII. The 'no growth' and four other growth scenarios reflect the assumed impact of different economic factors applied to employment sector growth for LACW, C&I, CD&E and for the hazardous components of these waste streams. These factors include changes in population which will affect the quantity of waste produced by households (LACW(H)), economic changes that may increase the waste output of businesses and services (C&I waste) and infrastructure and housing growth (CD&E waste).
- VIII. The three behaviour scenarios represent how each of the streams could be managed over the plan period and can be summarised as follows:
 - Scenario 1 current levels of recycling and recovery are maintained;
 - Scenario 2 recycling and recovery of LACW, C&I and CD&E wastes improves to achieve relevant statutory and non-statutory targets by 2020 and continues to improve further so that the rates achieved by 2031 are the maximum that are expected to be possible using current technology and given the composition of each stream;
 - Scenario 3 a median level (between scenarios 1 and 2) which envisages modest improvement in recycling and recovery of LACW, C&I and CD&E wastes and



- LACW(H) wastes and some diversion of waste away from landfill, though the 2020 target for recycling / composting of the former is not achieved.
- IX. Improvements in recycling performance assumed for Scenarios 2 and 3 result in proportionate reduction in the use of landfill disposal.
- X. Parameters in the growth and behaviour scenarios have been agreed with officers at Kirklees Council. The former are consistent with econometric forecasts that inform other Council plans, policy and strategy, while assumptions about future changes to management behaviour reflect industry expectations or, in the case of LACW, the strategy that the Council's Waste Collection and Disposal function is pursuing.

Existing Waste Capacity

- XI. A review of existing licensed waste management facilities operating within Kirklees has been undertaken, and this identifies a total of 64 sites. Most of the facilities are household waste recycling centres and transfer stations where LACW, C&I and CD&E wastes can be sorted, bulked and separated before onward transport for further management. There is a substantial amount of metal recycling capacity also, but a limited amount of treatment capacity, the most important of which is the Huddersfield Energy from Waste Plant. There are also a number of landfill sites and other sites where inert wastes are imported for landscaping and restoration purposes. The assessment assumes capacity will be available throughout the Plan period except where it is already known that sites will close prematurely (this constraint applies to three landfill sites).
- XII. By reviewing the existing waste management sites, establishing the type and quantity of waste they can manage annually, then matching this with the amount of waste being produced each year (under the different scenarios), the model calculates how much remaining capacity there is for each waste management route over time and to identify where gaps exist at present or will develop in the future.

Summary of Future Capacity Requirements

XIII. The various combinations of growth and behaviour scenarios define an 'envelope' within which a number of different outcomes and requirements for additional capacity can be identified. The Energy from Waste facility in Huddersfield is scheduled to operate until 2023. The Council has an option to extend this period to 2028 and has asked that the study also evaluates continued operation of the plant to 2036. Both assessments are made solely for the purpose of informing the ongoing review of the residual LACW management strategy and do not imply any commitment to pursue either option at the present time. The table below identifies the results of capacity assessment for three of the options looked at along with the gaps for other waste management routes; these are set out in Table 2 of the main report. The three scenarios illustrate the implications of assuming no change and

of the high levels rates of growth and improvement in landfill diversion. In all cases negative figures identify capacity surpluses for certain routes.

| Waste Management Route & Wastes | Growth 4 Baseline / No Growth 2031 Recovery 2031 | | Growth 3 Median/Recovery 2031 | |
|------------------------------------------------------------------------------------------------------------|--------------------------------------------------|---------------|-------------------------------------|--|
| Landfill (C+I) | 101,515 | 44,307 | 48,957 | |
| Landfill (LACW) | 16,140 | 12,701 | 12,394 | |
| Landfill (Hazardous) | 6,386 | 7,103 | 7,289 | |
| Landfill (C+D&E) | -19,327 | -60,189 | -66,636 | |
| Thermal treatment with energy recovery ('Energy from waste') + Thermal Treatment (without energy recovery) | -19,600 | -3,009 | 37,187 | |
| Recycling (C+I, & Agricultural) | 88,678 | 172,653 | 156,835 | |
| Recycling (LACW only) | 37,936 | 126,154 | 98,551 | |
| Recycling (C+D) | D) 71,531 137,283 | | 113,639 | |
| Recycling (metals only) - 38,227 - 32,950 | | - 31,115 | | |
| Recycling (Hazardous) 17,706 | | 19,049 | 19,670 | |
| Composting | 15,406 | 6 19,487 19,0 | | |
| Treatment plant | -84,612 | -81,293 | -81,034 | |
| Other treatment plant / transfer (Hazardous / C&I) | sfer (Hazardous / | | 61,308 | |
| Land Recovery | _and Recovery -58,321 -55,286 -55,9 | | -55,902 | |

Source: Kirklees Waste Needs Assessment model August 2016. All figures in tonnes]



XIV. The points below summarise the principal conclusions about capacity needed to manage each stream based on the results of modelling.

LACW

- There is a capacity shortfall for preliminary sorting of LACW Recycling throughout the Plan period with the resources focused on a small footprint at the Huddersfield Materials Recycling Facility under the current contract arrangements.
- There are no operational sites composting green wastes within Kirklees and it is anticipated these materials will continue to be exported to facilities in other authorities.
- The existing EfW plant provides sufficient capacity for thermal treatment of LACW throughout the Plan period provided it remains operational beyond current contractual arrangements up to 2023/8. However under the highest growth (growth 4) there appears a small deficit in 2031(shortfall of 3000 tonnes under the maximum recycling scenario)
- Kirklees has no landfill sites currently taking non-inert wastes such as LACW and therefore all waste that is not recycled or sent to the EfW plant is exported. If policy aims to implement the maximum level of recycling assumed in the analysis then the amount of waste sent to landfill will fall substantially although there will still be a shortfall in capacity for the disposal of LACW waste of over 57,008 tonnes by 2031. Should the median recycling option be taken forward, the requirement for landfill of C&I waste under growth 3 reduces from baseline levels but is around 4000 tonnes pa more than maximised recycling and places a greater demand on energy from waste for LACW, but existing capacity is sufficient assuming that the existing contract is extended beyond 2028 (except under growth scenario 4).

C&I Waste

- There will be a gap of around 88,678 tonnes of recycling capacity for handling C&I waste in 2016 rising to over 172,653 tonnes under the largest growth assumptions by 2031 for maximised recycling. Under median recycling the demand is slightly lower but a gap of over 156,835 has arisen by 2031 (median recycling growth scenario 3).
- As with the LACW stream it will be necessary to rely on continuing export of recyclate to external re-processors until such time as the identified local capacity comes forward. This situation applies to all scenarios but, as indicated above, the additional capacity needed will increase if the Plan seeks to promote high levels of recycling of these wastes.
- Under all the scenarios there is adequate transfer station capacity at sites handling mixed wastes and those handling specific materials such as metals.
- There is no EfW capacity for C&I wastes (the existing Huddersfield plant is currently contracted to handle LACW only). Even with recovery increasing from current

baseline by 1% to 4% by 2031 the additional capacity needed is very small and may be insufficient to make a local facility cost effective. Therefore it is likely that C&I wastes for EfW processing will continue to be exported outside the plan area.

 As with LACW there is an existing landfill capacity shortage that will persist throughout the Plan period though it will be reduced substantially under those scenarios assuming high levels of recycling and recovery. Should median recycling options be taken forward, the demand for landfill increases for C&I, but remains around the 15,000tpa for LACW.

CD&E Waste

- Kirklees at present has significant surplus landfill capacity for managing inert C&D and excavation wastes (and also capacity to use the latter in restoration projects if current rates of re-using this material are maintained)
- There is a surplus of capacity at waste transfer stations and bulking facilities for C&D over the whole Plan period throughout the plan period under all scenarios.
- At present there is a shortage of capacity for recycling CD&E wastes under all the scenarios over the whole Plan period. However the true rate may be disguised because mobile plant is being used to recycle this waste where it is created and these arisings are never reported. Similarly some transfer stations may also be making an unquantified contribution to recycling rates.

Hazardous Waste

- Kirklees currently relies on external treatment and recovery capacity to handle local arisings and it is unlikely that the small quantities involved would result in new local capacity coming forward
- Two landfill sites provide regionally significant capacity that result in the area being a net importer of hazardous wastes, however the eventual closure of both sites by 2028 will result in a small gap. This situation might be addressed if one or both facilities are granted extensions otherwise it will require new capacity or further reliance on external facilities.

Agricultural Waste

 The assessment has not identified the need for facilities to manage this stream specifically and any requirement is included in the assessed need for additional capacity to handle C&I wastes.

Sewage Sludge

 Yorkshire Water has advised the Council that additional capacity is likely to be needed at two plants within the Borough. The timescale for improvement has not



been established yet and will be identified through ongoing dialogue with the company.

Low Level Radioactive Waste (LLW)

- Kirklees contains a single location generating a very small amount of low-level radioactive waste, the nature of which means it can be disposed via the foul sewer network with other wastes. Therefore there is no need for specialised local management capacity.
- XV. If Kirklees is to become (net) self-sufficient in waste management capacity the Council will need to consider the requirements identified by this assessment and to adopt appropriate projections to plan for future waste capacity which would be delivered by the Plan.
- XVI. For any waste still requiring export to other areas, the Council should contact waste planning authorities receiving waste from Kirklees in order to establish whether they are aware of any foreseeable changes that may affect this position over the life of the Plan and in order to meet its obligations under the Duty to Co-Operate as defined in the Localism Act.

1. Introduction

- 1.1.1. Kirklees Unitary Authority (hereafter, the Council) is preparing the Kirklees Local Plan (KLP) which will include the planning framework for managing wastes arising within the authority area.
- 1.1.2. Urban Vision and 4Resources were contracted by the Council to prepare a Waste Needs Assessment to assess future waste capacity requirements in 2015. The purpose of this study was to enable the Council to plan for new facilities required to meet expected future waste arisings up to 2031 which represents a key part of the evidence base supporting the KLP. In addition the Council also requested that the Assessment review the implications of a change in waste management requirements over an additional 5-year period to 2036.
- 1.1.3. The Waste Needs Assessment was produced in two parts:
 - Part 1: Waste Arisings in Kirklees; and
 - Part 2: Waste Capacity in Kirklees.
- 1.1.4. Part 1 of the Waste Data Study provided a detailed analysis of current waste arisings in Kirklees for all waste streams and waste movements into and out of the area for 2013. The information in Waste Data Study Part 1 was used to inform the stage 2 report and provides the basis for estimating future capacity requirements.
- 1.1.5. The Part 2 report presents the modelling options used to identify the future requirements for the plan area over the period referred to above. It provided detailed analysis of capacity gaps for each waste stream and the various ways in which the materials in it will be managed.
- 1.1.6. In July 2016, the Council requested a further update to both reports to address changes in waste arisings over the past 12 months and to apply alternative methods of forecasting based on updated agreed jobs figures and update the requirements for each of the waste streams based on the new figures.
- 1.1.7. In the 2015 report, a number of scenarios were modelled and these options are taken forward in this report. Each scenario presents a different option for modelling waste based on a range of recycling and recovery targets and growth levels being achieved.



The specifics of each option and proposed changes in 2016 report are set out in Tables 3&4 in Chapter 4 of this report.

- 1.1.8. The Waste Needs Assessment addresses the following seven controlled waste streams:
 - <u>Local Authority Collected Waste</u> (LACW): waste collected by Local Authorities which is primarily waste produced by householders (referred to as LACW(H)) but which can also include some non-household waste such as collected road sweepings (LACW(other)). It also includes secondary waste arising as a by-product from treating residual household waste in an Energy from Waste facility (LACW(Secondary));
 - Commercial and Industrial wastes (C&I): wastes produced by all sectors of industry;
 - <u>Construction, Demolition and Excavation</u> wastes (CD&E): waste produced through the undertaking of building, engineering, renovation and maintenance of structures;
 - <u>Hazardous waste</u>: A sub category of all waste streams, where the material produced is hazardous and requires specialist treatment and which cannot be managed with other wastes;
 - Agricultural Waste: wastes produced by farming and forestry activity;
 - <u>Low Level Non-Nuclear Radioactive Waste</u> (LLW): waste associated with activities such as taking x-rays and laboratory testing which use substances with low levels of radioactive emissions; and
 - Waste Water/Sewage Sludge: waste produced from washing, cleaning, and hygienic activities to create waste water and sewage effluents.
- 1.1.9. A detailed review of the robustness and limitations of available information on current and expected arisings of waste in Kirklees has been carried out for all waste streams and is reported in the Part 1 report referred to above.
- 1.1.10. The data underlying the projections in this report represents the best available information at August 2016 although the timing of this updates means that the most recent data are for 2014 for C&I and CD&E waste and 2015 for LACW, which is therefore the base year from which forecasts are projected forward. Data sources include data reported via the Environment Agency Waste Data Interrogator (WDI) and Hazardous Waste Data Interrogator (HWDI) (both refer to 2014), and data from Defra's WasteDataFlow reporting facility which provides information on LACW, data has also been provided from the Councils Waste Management team on LACW.

- 1.1.11. Information on C&I waste is recognised to be poor. There have been no specific surveys of Commercial and Industrial (C&I) waste arisings in Kirklees and government have indicated that any future surveys are unlikely. Recent methods of calculation have been based on extrapolating data surveys of this stream that have been undertaken at national and regional levels, the latter being undertaken for North West England. The surveys which have been used for this study use data collected in 2009 and 2008/9 respectively^{2,3}. More recently Defra has suggested that future calculations should be based on a method devised by Jacobs which takes information from the EA's WDI. This method has not been used in this latest report as this is updating previous work which used the national and regional surveys. Any future detailed updates should look at using this alternative approach. This Needs Assessment Update is based on interpolating the results of a 2009 survey of the former North West region which represented the best available proxy for estimating the size of this stream locally and how it is managed at the time of preparing the original report.
- 1.1.12. It is acknowledged that this Study presents a picture at a particular point in time and requirements will need to be reviewed periodically throughout the preparation of the Plan as appropriate.

² Commercial and Industrial Waste Survey 2009 Final Report, May 2011 (Jacobs, for Defra).

North West of England Commercial and Industrial Waste Survey 2009 (Urban Mines, for the Environment Agency March 2010).



Overview of Kirklees Waste Arisings 2.

- Waste in Kirklees is generated by a wide range of sources and processes. The most familiar is waste collected from households, such as packaging and food. However this material only accounts for part of the overall waste arisings and much larger quantities are generated by the construction industry (Construction, Demolition and Excavation waste - CD&E), such as broken bricks and cables; and from business activities (Commercial and Industrial waste - C&I), such as food from restaurants and paper from offices. These three streams make up the majority of waste produced within Kirklees.
- Table 1 and Figure 1 show the estimated waste arisings (and the relative proportions of 2.1.2. each stream) in Kirklees in 2014/15. Collectively these figures define the baseline arisings on which the subsequent needs assessment is based.

Table 1: Arisings of Controlled Wastes in Kirklees in 2014/15

| Waste Type | Tonnage | Percentage |
|-----------------------------------------------------------------------------------------------------------------------|---------|------------|
| Local Authority Collected Waste (H) (all household waste but excluding trade waste) ⁴ | 160,974 | |
| Local Authority Collected Waste (Other) (all other waste from non-household sources but excluding trade waste) | 17,400 | 23% |
| LACW (Secondary) secondary waste from energy recovery includes – this includes some LACW that is classed as hazardous | 27,734 | |
| Commercial Waste (CI) (including the trade waste element of LACW) 180,820 | | 20% |
| Industrial Waste (I) | 181,843 | 20% |
| Construction Demolition Waste (C&D) | 77,000 | 9% |
| Excavation(E) ⁵ | 216,000 | 24% |
| Hazardous waste (is a sub set of other waste categories and can originate from CD&E, C&I & LACW sources) | 32,516 | 4% |

waste will need to be disposed to landfill.

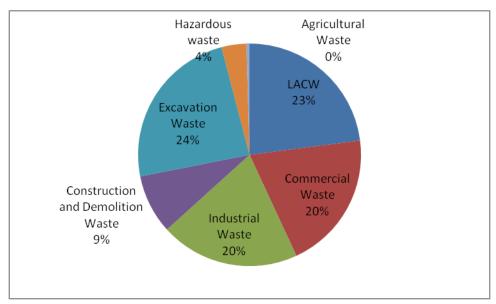
⁴ Trade waste is material collected under contract by the local authority from business premises. It is also contained in the estimates of C&I waste generated by businesses. It is excluded from the LACW stream in this study to prevent double-counting.

⁵ C&D and E wastes are assessed separately as there is more scope to recycle the former which has implications for estimating how much

| Waste Type | Tonnage | Percentage |
|--------------------------------------------|---------|------------|
| Agricultural Waste (leaving farm holdings) | 4,012 | <1% |
| Total | 872,300 | 100% |

[Source: Waste Needs Assessment Part 1: Waste Arisings in Kirklees, August 2016]

Figure 1: Relative Proportions of Principal Wastes Generated in Kirklees



[Source: analysis using Environment Agency Waste Data Interrogator, 2014, WasteDataFlow, Extrapolated NW 2009 C&I Survey and Extrapolated Agricultural 2003 survey]

- 2.1.3. Responsibility for managing waste water and sewage lies with Yorkshire Water. Additional capacity to meet population growth is most likely to be provided by expanding existing treatment facilities. This situation only has implications for the Plan if it requires the allocation of land outside the curtillage of existing waste water treatment facilities.
- 2.1.4. Arisings of low level radioactive wastes are negligible and cannot be readily identified by weight. A single site in the Plan area generates these wastes the quantity and nature of which means they can be safely disposed to foul sewer with other waste water.
- 2.1.5. Further detail on managing waste water and sewage and low level radioactive wastes is provided later in this report.



Context for the Needs Assessment 3.

- 3.1.1. Most waste is produced as a result of demand for products or the creation of new infrastructure. The need to reduce waste creation directly, or indirectly by greater use of recycled materials is at the heart of strategies promoting sustainable consumption that apply at EU and national levels and which impact local waste strategies equally. Promoting change at local level for LACW is achieved through mechanisms such as the local Municipal Waste Management Strategy. Voluntary agreements such as the Courtauld Commitment - whereby manufacturers seek to reduce packaging waste by better design and use of predominantly recyclable materials - also contribute significantly to the reduction of wastes.
- 3.1.2. Planning for future waste management must also reflect the external influence of relevant legislation and the obligations this places on the Council as Waste Collection and Disposal Authority as well as its role as competent authority in preparing a Waste (and Minerals) Plan to provide for sustainable management of locally arising of wastes. Some legislative influences are readily identified; others are proposed and their implications cannot be taken into account at this time and represent risks that have to be considered when establishing policy.
- Key aspects of the legislative landscape and their implications for this assessment and 3.1.3. the Council's waste planning are summarised below. Several matters impact the options for managing residual LACW in the future and aspects of this assessment will assist the Council in moving towards an appropriate strategy for dealing with this stream in the period after the current PFI contract ends. Other matters, such as future changes to mandatory targets, will need to be taken into account when assessing appropriate growth and performance assumptions that will be taken forward into the Plan.

EU Landfill Directive

What is in force or proposed?: Sets target of reducing biodegradable waste sent to landfill to 35% of 1995 levels by 2020.

What are the implications?: Local performance currently exceeds the EU target substantially (7% household waste to landfill in 2013/14) as a result of a reliance on the EfW plant for residual disposal. A key issue for the medium/long-term will be the evolution of the strategy for managing residual LACW, whether current diversion rates can be maintained, and the technical solution(s) that can be used to achieve this.

Directive & Waste

EU Waste Framework What is in force or proposed?: Directive sets target of recycling, composting or re-using 50% of household waste by 2020.

Management Plan for England

What are the implications?: Local performance in 2013/14 was below the national average and action to address it in the short-term is being taken. 'Direct' diversion to recycling was relatively low (30%). In addition to this, the Council has a high rate of waste diversion classed as 'recovery'. This recovery does not count towards the government's 50% recycling target. The Council therefore needs to make further improvements on its recycling levels to meet national targets. With the EfW plant apparently operating at close to full capacity there is limited scope to divert more household waste down this route using existing local facilities. The local opportunity to implement increased recycling measures is dependent on the terms of the Authority's PFI contract with Sita Kirklees Ltd. The Council's upcoming waste strategy review may need to consider the viability and desirability of introducing organic waste collections.

Waste Management Plan for England

What is in force or proposed?: In addition to the proposals from the EU, publication of the national Waste Management Plan introduced policy directions promoting the circular economy. One key aspect is the proposal for quality controls on materials collected and sorted by Materials Recycling Facilities. The aim of the proposal is to meet the standards required from organisations reprocessing plastics, glass, paper, etc. into secondary or recycled products thereby stimulating the development of a national recycling sector with the intention of reducing the export of recyclate (and therefore loss of a resource). At present these proposals refer only to monitoring of materials against defined standards and thresholds but without specific legislation enforcing them, although the latter is likely to emerge in due course.

A second policy direction of note involves promoting separate collection of food waste where this is not already provided. The Plan devolves this decision to individual authorities though, as referred to above, it may be necessary to deploy it widely in order to achieve further improvement in recycling and composting performance.

What are the implications?: In the short-term this development primarily has implications for Sita Kirklees Ltd in managing the wastes handled under the PFI contract. However the implications of this development will need to be followed through in the review of the residual waste management strategy so that infrastructure brought forward later in the plan period to replace the PFI facilities will meet any emerging standards.

EU Waste Framework Directive

What is in force or proposed?: Sets target of recycling 70% of CD&E wastes by 2020. Performance against this target is difficult to assess and affected by significant differences in the size and recycling opportunities for the C&D and E streams separately.

What are the implications?: Local C&D recycling performance already significantly exceeds the EU target (89% in 2013) but this is offset by limited recycling of E wastes (only 10%). Overall performance is therefore 32% but rises to 53% if E waste re-used in restoration or land recovery is included in the total. However there is no mechanism for reporting the quantity of E wastes that are used in backfilling and restoring the sites where they were generated. The level of recycling and re-use is likely to be significantly underestimated though an accurate figure cannot be identified. This situation is not necessarily critical of local performance. Defra claims

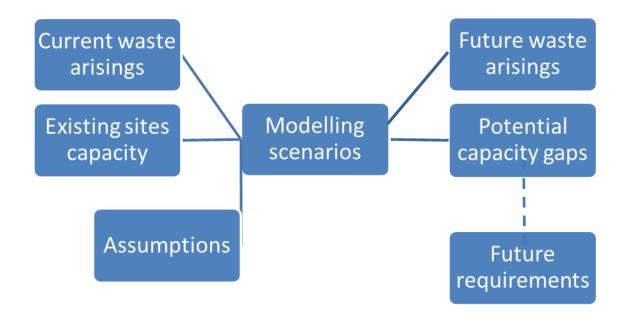


that national performance outstrips the EU target and that in many other Member States, but the inclusion of E wastes will have the same effect at national level as it does in the Authority and assessment is again hampered by a lack of accurate data. This is not a matter that the Authority can plan for proactively as the opportunity to maintain potentially higher rates of E waste re-use will depend on demand for landscaping material from future development projects and for fill to restore mineral sites. Conversely, high levels of local C&D recycling are likely to be maintained as the cost of alternative management methods is expensive by comparison and secondary materials should be cheaper than virgin material provided quality standards can be met.

4. Methodology for Predicting Future Waste Capacity Requirements

4.1.1. The Waste Needs Assessment has employed the structure shown in Figure 2 to assess future capacity requirements.

Figure 2: Methodology for Predicting Future Waste Requirements



4.2. Identifying Current Waste Arisings and Existing Capacity

- 4.2.1. In order to identify future waste arisings and capacity it is important to gain as accurate a picture as possible of current waste arisings and the capacity of existing permitted waste management facilities. Economic and waste trends are then used to forecast future waste growth and subsequently the need for new facilities can be projected based on any capacity gaps that are identified.
- 4.2.2. Data on waste arisings across the streams listed in Table 1 has been analysed and identified in the Part 1 report which defines the situation in the baseline year of 2014.
- 4.2.3. A review of existing licensed waste management facilities operating within Kirklees has been undertaken in parallel. Appendix 1 provides detail of the existing waste management sites in the Borough, the functions they provide, and the type of wastes



that each manages. Appendix 2 summarises the aggregate capacity of all facilities of a particular type.

- 4.2.4. There are currently 69 facilities operating in Kirklees carrying out a range of waste management activities across the principal waste streams. They include:
 - facilities such as household waste recycling centres;
 - transfer stations, where waste can be sorted, bulked and separated before onward transport for further management;
 - sites recycling mixed wastes and specific materials such as metals;
 - a range of treatment facilities dealing with common residual wastes;
 - energy recovery facilities such as the Energy from Waste (EfW) plant in Huddersfield; and
 - other facilities taking material such as hazardous wastes, electrical equipment, etc. that may require special handling.
- 4.2.5. There are also a number of landfill sites and other locations accepting inert wastes for backfilling, restoration and landscaping purposes (collectively referred to as land recovery operations). Planning permissions for three landfill sites in the Plan area will expire during the plan period.
- 4.2.6. Operational waste sites were identified from those locations listed in the Environment Agency's Waste Data Interrogator tool for 2014 which were cross-checked against a list of permitted facilities provided by the EA and against the Public Registers⁶. The Council also provided details of recently permitted sites that have yet to start operations but which are expected to contribute to local capacity during the Plan period. The resulting list was reviewed by council officers to identify any further information from relevant planning permissions or other sources regarding the capacity and end date for the existing use of a site.
- 4.2.7. Some capacity data has been compiled from the EA licence, and/or Planning Permission information (where available). However the EA has recently ceased

⁶ In the course of identifying site capacity (as subscribed in the following paragraphs) a number of sites were identified that had reported accepting waste in previous years but not in 2013. Sites that had only recently apparently stopped accepting waste recently were assumed to be mothballed for a short time and included in the capacity assessment except where Council officers advised a facility was known to have shut permanently. Sites that stopped accepting waste in 2010 or earlier were excluded based on the expectation that the recession had forced them to shut.

supplying details of licensed capacity for a site as this is a theoretical value and may not accurately reflect the physical throughput that the site can provide⁷. As a result a review of past annual throughputs was also undertaken to ascertain the most accurate information for the actual available capacity at each site. The past 6 years' data was reviewed in identifying the maximum perceived capacity for each facility based on how much material it actually handled.

- 4.2.8. The capacity of all existing waste sites validated through this process has been included in the model for purposes of estimating future waste requirements for the KLP. The maximum throughput capacity identified over the last 6 years is assumed to be available for the duration of the KLP, unless the operator/landowner has advised otherwise.
- 4.2.9. All companies currently or recently operating waste sites were contacted by email to check details about their operations; however the response rate was extremely poor and did not identify any significant changes or new information.

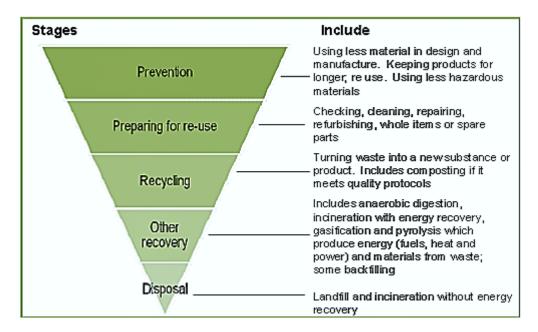
4.3. Modelling and Assumptions

4.3.1. The Waste Needs Assessment provides information on future waste arisings for the principal waste streams shown in Table 1, and identifies where there may be a capacity gap at any time in the period 2016 -2031. Information is also provided on hazardous waste, which is a sub category of LACW, C&I and CD&E waste. The data study provides a level of detail and consistency that has not previously been available to Kirklees. The projection of future waste capacity requirements must consider how much waste arises and must evaluate the potential for recycling or energy recovery with the aim of managing waste more sustainably and moving it up the Waste Hierarchy as shown in Figure 3.

⁷ Environmental Permits for waste operations are issued in capacity bands and therefore the site capacity may be substantially less than the maximum allowed by its Permit. When such inaccuracies are repeated across a substantial number of sites there is a risk that the available capacity will be significantly over-estimated and therefore it is necessary to estimate capacity in other ways.



Figure 3: The Waste Hierarchy



Source: DCLG, National Planning Policy for Waste, Appendix A

- 4.3.2. In order to comply with the EU Waste Framework Directive and the National Planning Policy for Waste, each type of waste must be managed at the highest technically and economically feasible level in the Waste Hierarchy, while recognising that landfill will remain the only realistic option for disposing of certain wastes. The need for waste management facilities to deal with the waste in a more sustainable way will form an integral part of the waste element of the KLP. This approach is consistent with the Government's wider sustainable development agenda and its approach to sustainable waste management in particular.
- 4.3.3. As noted in section 3 of this report, local performance in recycling LACW is currently not on track to achieve the statutory target for 2020, while the combined levels of recycling and energy recovery mean that the corresponding target for diverting biodegradable waste from landfill is already being exceeded five years ahead of the 2020 target date.
- 4.3.4. Forecasting future requirements involved constructing a number of scenarios based on different levels of arisings growth, and different levels of recycling, recovery and landfill performance.
- 4.3.5. The growth scenarios considered for the LACW, C&I, CD&E and agricultural waste streams are summarised in Table 2.

Table 2: Summary of Growth Scenarios

| Scenario | Annual growth rate assumptions | |
|-------------------------------|------------------------------------------------------------------------------------------------------|--|
| 1.Growth (1) Lowest Growth | C- Variable growth over plan period | |
| | I - Variable growth over plan period | |
| | C,D &E - Variable growth same as industrial | |
| | Hazardous - Variable growth same as industrial | |
| | Agricultural - As baseline (Extrapolated for 2016) | |
| | LACW(H) - Population growth and waste growth total 2% 2016-2036 | |
| | LACW (Other) Population, no waste growth at 0.6565% all plan years | |
| | LACW (Secondary) - Population growth and waste growth total 2% 2016-2036 | |
| 2.Growth(2) Moderate Growth | C - Variable growth over plan period | |
| | I - Variable growth over plan period | |
| | C,D &E - Variable growth same as industrial | |
| | Hazardous - Variable growth same as industrial | |
| | Agricultural - As baseline (Extrapolated for 2016) | |
| | LACW (H)- Population growth and waste growth at 2.0354 % 2016 and thereafter for plan period | |
| 3. Growth (3) Higher Growth | C - Variable growth over plan period | |
| | I - Variable growth over plan period | |
| | C,D &E - Variable growth same as industrial | |
| | Hazardous - Variable growth same as industrial | |
| | Agricultural - As baseline (Extrapolated for 2016) | |
| | LACW(H) - Population growth and waste growth combined at 2.1341% 2016 and thereafter for plan period | |
| | LACW(other) Population growth, no waste growth at 0.7906% for whole plan period | |



| 4.Growth(4) Maximum Growth | C - Variable growth over plan period |
|-----------------------------|-----------------------------------------------------------------------------------------------|
| | I Variable growth over plan period |
| | C,D &E - Variable growth same as industrial |
| | Hazardous - Variable growth same as industrial |
| | Agricultural - As baseline (Extrapolated for 2016) |
| | LACW(H) Population growth and waste growth combined at 2.2728 2016 and then whole plan period |
| | LACW(other) Population growth, waste growth at 0.9293% for whole plan period |

[Sources: Kirklees Council WDA forecasts; Demographic Analysis and Forecasts, August 2016, Edge Analytics for Kirklees Council]

- 4.3.6. Growth rates reflect both external influences on future waste arisings and the Council's own expectations. The Council's Waste Disposal Authority provided the projections for LACW(H) which reflects the effects of changes in waste arisings as a result of waste reduction and recycling initiatives promoted through the Municipal Waste Management Strategy together with the impact of future population growth in the Borough.
- 4.3.7. Forecast growth rates for other streams are based on demographic projections of employment in Kirklees, drawing forecasts from econometric modelling undertaken for the Council that informs, and is therefore consistent with, other plans and strategies. They reflect:
 - future anticipated levels of economic activity;
 - the impact of fiscal financial/legislative factors such as landfill tax charges driving waste away from landfill (which affects LACW also);
 - financial incentives such as Renewable Obligations Certificates which increase the economic viability of energy recovery).
- 4.3.8. Three waste management behavioural scenarios were defined in order to assess the implications of different options for managing these streams in terms of the proportion of material recycled, treated, used for energy recovery, and disposal. Table 3 sets out the three scenarios chosen to reflect the potential changes in practice in the management of waste arisings. It takes into account the increasing recycling potential through the changes in waste collection, processing and treatment practices, particularly for Commercial and Industrial waste, and the corresponding reduction in landfill disposal.

- 4.3.9. These 'behaviour modifiers' are based on professional judgement of realistic maximum levels of landfill diversion that might be achieved and were agreed with Council officers. They also reflect the best available information at the time this report was prepared and can be amended and re-modelled to take account of any future changes if performance falls below or exceeds these assumptions.
- 4.3.10. The LACW(H) targets have been selected to model the government target of recycling of LACW(H) for a combined country approach to 50% recycling by 2020 (Maximum recycling) and a lower target of 40% recycling (Median recycling) by 2020 (the baseline position for LACW(H) is 27% at 2014/15).



Table 3: Summary of Behaviour Scenarios

Behaviour Scenario 1 (Baseline)

No change - the Part 1 report identifies the proportions of each waste stream that are currently recycled, composted, treated, sent to energy recovery or to landfill.

| Tody cloud, composition, trouted, come to concrety or to landim. | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|--|--|--|
| Behaviour Scenario 2 (Maximised Recycling and Recovery) | | | | |
| By 2020 | By 2031 | | | |
| LACW(H) 50% recycled or composted; 45% to energy recovery 5% to landfill | LACW (all types) – no change from 2020 | | | |
| Other LACW as for baseline | Other LACW as for baseline | | | |
| Secondary LACW as for baseline | Secondary LACW as for baseline | | | |
| C - 75% recycled (66% Baseline); 6 % to EfW (baseline 1%); 3 % to other treatment (baseline 3%); 16% to landfill (baseline 23%) | C – 80% recycled; 6% to EfW; 4% to other treatment; 10% to landfill | | | |
| I – 81% recycled or composted (71% baseline); 16% to landfill (23% baseline); 3% to land recovery (baseline 3%) | I – 85% recycled or composted; 12% to landfill; 3% to land recovery | | | |
| C&D – 40 % recycled (baseline 32%); 50 % treated (baseline 56%); 10 % to landfill (baseline 13%) | C&D – 45% recycled; 45% treated; 10% to landfill | | | |
| E - 40% recycled (baseline 24%); 1% treated (baseline 1%); 43% to landfill (baseline 59%); 16% to land recovery (baseline 16%) | E -45% recycled; 1% treated; 38% to landfill; 16% to land recovery | | | |
| Agricultural and hazardous as for baseline | Agricultural and hazardous as for baseline | | | |
| Behaviour Scenario 3 (Median Recycling and Maximised Recovery) | | | | |

| By 2020 | By 2031 |
|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| LACW (H) – 40% recycled or composted; 55% to energy recovery; 5% to landfill | LACW(all types) – no change from 2020 |
| Other LACW as for baseline | Other LACW as for baseline |
| Secondary LACW as for baseline | Secondary LACW as for baseline |
| C - 70% recycled; 4% treated; 10% to energy recovery; 16 % to landfill | C - 75% recycled; 4% treated; 15 % to energy recovery; 6 % to landfill |
| I - 76% recycled or composted; 21% to landfill; 3% to land recovery | I – 80% recycled or composted; 18% to landfill; 2% to land recovery |
| C&D - 35% recycled; 55% treated; 10% to landfill | C&D – 40 % recycled; 50 % treated; 10 % to landfill |
| E - 30% recycled; 19% treated; 35% to landfill; 16% to land recovery | E - 35% recycled; 15% treated; 34% to landfill; 16% to land recovery |

- 4.3.11. The approach summarised above allows up to 12 future scenarios to be modelled using different combinations of growth and behaviour assumptions. A summary of the waste arisings forecast for each combination of scenarios is provided in Appendix 3.
- 4.3.12. The approach to estimating capacity has been explained earlier in this chapter. In addition, assumptions have been made on specific existing waste management sites using information from the Council in regard to landfill sites, with total capacity void space remaining figures obtained from the Environment Agency. This is set out in Table 4. The estimated site closure dates may be subject to change and the model will be updated to reflect any new information.

Table 4: Assumptions about Existing and Planned Waste Management Sites



| Waste Site | Capacity | Assumption |
|----------------------------------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Kirklees Energy from Waste plant | 132,000 tonnes (annual) | Funded through PFI between Council and Sita Kirklees Ltd. Contract expires in 2023 with an option for a 5 year extension to 2028. The model has 2 options – |
| | | site closes in 2028 |
| | | site continues to operate up to 20368 |

[Source: Kirklees Council]

- 4.3.13. Many of the existing waste management operations can treat more than one waste type eg. sites using technologies to treat residual can also treat residual C&I waste. Waste management site licences and planning permissions do not specify limits on the proportions of waste from each waste stream that can be handled at different sites. As a result professional judgement has to be applied to identify which waste streams each site handles, but it is not possible to determine the relative proportions except on those sites contracted to handle LACW only or which have permissions to handle hazardous wastes.
- 4.3.14. It is therefore not possible to assess each existing waste management facility by individual waste stream and so results are grouped together to gain an overall picture of capacity by waste management type. The resulting waste management types are shown in Table 5.

Table 5: Waste Management Facility Categories Used in the Model

| Waste Management Facility Type |
|---------------------------------|
| Landfill (C&I and LACW) |
| Landfill (Hazardous) |
| Inert Landfill (CD&E) |
| Energy from Waste (LACW, C&I) |
| Recycling (C&I, Agricultural) |
| Recycling (LACW) |
| Recycling (C&D) |
| Recycling (Metals) ⁹ |

⁸ These options are included for the purpose of modelling the effects of continued operation of the plant on residual waste disposal needs and do not imply any commitment at the present time to operation beyond 2023.

| Recycling (Hazardous) | | | |
|-----------------------------------------|--|--|--|
| Recycling (LACW) | | | |
| Composting (C&I, LACW) | | | |
| Treatment (C&I) | | | |
| Other Treatment/Transfer (Hazardous/CI) | | | |
| Land Recovery (CD&E) | | | |

4.3.15. Utilising the latest data (at August 2016), existing information was assembled and collated into a Waste Facility Capacity Database, with each site allocated to managing one or more waste streams. Table 6 summarises the available capacity by stream and management function, which is assumed to be available for the duration of the plan unless information has been obtained from the operator indicating earlier closure.

Table 6: Estimated Annual Capacity Available from Licensed Operational Waste Management Facilities within Kirklees

| | Transfer station | Recycling (MRF) | Recycling (special) | Treatment | Energy recovery | Land recovery | Landfill |
|---------------|------------------|-----------------|---------------------|-----------|-----------------|---------------|----------|
| LACW only | 252, 962 | 32, 497 | | | 132,000 | | |
| LACW + C&I | | | | | | | |
| C&I only | 9 | 78,451 | 3,246 | 6,352 | | | |
| C&I + CD&E | 61,736 | 37,214 | 24,389 | 65,494 | | | |
| CD&E only | 16,980 | | | | | | |
| E only | | | | | | 98,336 | |
| Hazardous | 1,266 | 3,012 | 67,368 | 24,786 | | | |

[Source: Kirklees Waste Needs Assessment model August 2016.]

⁹ The work distinguishes between Materials Recycling Facilities that accept and separate a range of mixed wastes, and specialised facilities that only manage certain types of material. Virtually all the latter type of local capacity is located in metal recycling sites and vehicle dismantlers with Kirklees containing a considerable surplus of both in common with many other local authorities. At the same time there may be a shortfall of capacity for recycling LACW and C&I wastes, but such specialised sites lack facilities for handling these materials and therefore any surplus of this type of capacity must not be traded against a shortfall of other capacity as there is no scope for this to happen.



- 4.3.16. The modelling process calculates the total available capacity for particular types of waste management sites and matches this to the arisings which can be managed through these sites. The process involves the following stages:
 - For each stream or combination of streams the amount of capacity available for each management route is summed (eg. the amount of recycling capacity available to handle LACW and C&I wastes);
 - The chosen Growth Modifier scenario (see Table 2) is used to forecast the change in arisings over the Plan period
 - The chosen Behaviour Modifier scenario (see Table 3) is used to distribute the quantity of arisings between the different management routes reflecting the relative levels of recycling, recovery and disposal that are assumed;
 - The available capacity is subtracted from the forecast quantity of waste that will need to be managed and the result indicates whether there is a gap or a surplus of capacity.
- 4.3.17. The model cannot show capacity surpluses or gaps for any single site or waste stream unless there is only one site entered in the model which is designated to take only one category of waste. In all other cases figures identify the total available capacity for the waste management type across all sites. The model has been designed to assume that all available waste management capacity is used to manage waste arising in Kirklees and no allowance is made for the use of capacity at merchant sites to accept wastes from outside the Authority.

5. Potential Capacity Gaps in 2031

- 5.1.1. The model allows the results of modelling all 12 scenario options as defined in the previous chapter to be used to assess future capacity requirements. At the time of writing this report no decision has been taken on which scenario the KLP would aim to deliver. This chapter documents and summarises the gap analysis for the scenarios.
- 5.1.2. The model projects capacity gaps across each of the modelling scenarios for the period 2016-2031. The detailed results of the requirements for each waste management route are set out in Appendix 4 and a summary of the position at the end of the Plan period is shown in Table 7. These three scenarios are presented as they represent the least and most extensive changes from the current position and the impact of choosing a median recycling option. Note that negative figures in the tables and figures below, and those in Appendix 4, identify capacity surpluses.
- 5.1.3. Table 7 also distinguishes between the EfW capacity available if the plant closes when planned, or if it continues to operate as referred to in Table 4.

Table 7: Capacity Gap Comparison for the Scenarios Modelling the Least and Most Extensive Changes in Requirements by 2031

| Waste Management Route & Wastes | Baseline / No Growth 2031 | Growth 4 Maximised Recycling / Recovery 2031 | Growth 3 Median/Recovery | |
|------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|-----------------------------|--|
| Landfill (C+I) | 101,515 | 44,307 | 48,957 | |
| Landfill (LACW) | 16,140 | 12,701 | 12,394 | |
| Landfill (Hazardous) | 6,386 | 7,103 | 7,289 | |
| Landfill (C+D&E) | -19,327 | -60,189 | -66,636 | |
| Thermal treatment with energy recovery ('Energy from waste') + Thermal Treatment (without energy recovery) | -19,600 | -3,009 | 37,187 | |
| Recycling (C+I, & Agricultural) | 88, 678 | 172,653 | 156,835 | |



| Recycling (LACW only) | 37,936 | 126,154 | 98,551 | |
|----------------------------------------------------------|----------|----------|----------|--|
| Recycling (C+D) | 71,531 | 137,283 | 113,639 | |
| Recycling (metals only) | - 38,227 | - 32,950 | - 31,115 | |
| Recycling (Hazardous) | 17,706 | 19,049 | 19,670 | |
| Composting | 15,406 | 19,487 | 19,017 | |
| Treatment plant | -84,612 | -81,293 | -81,034 | |
| Other treatment plant / transfer (Hazardous / C&I) | 27,438 | 22,144 | 61,308 | |
| Land Recovery -58,321 | | -55,286 | -55,902 | |

[Source: Kirklees Waste Needs Assessment model May 2016. All figures in tonnes – negative figures indicate capacity surpluses]

6. Future Requirements

6.1. Introduction

- 6.1.1. This section of the report sets out the future requirements for each of the principal waste streams in turn, setting out:
 - Current arisings and capacity of existing facilities;
 - Capacity of additional facilities that will be required to deal with forecast future arisings¹⁰.
- 6.1.2. This aspect of the assessment can now also inform the Council's review of the strategy for managing residual LACW once the current PFI contract has ended.

6.2. Local Authority Collected Waste (LACW)

The collection and management of LACW across Kirklees is the responsibility of 6.2.1. Kirklees Council as statutory Waste Collection and Waste Disposal Authority. LACW includes some "trade waste" which the council collects from businesses and other organisations. For the purpose of modelling and the waste needs assessment this material has been deducted from LACW as it is already captured under C&I waste management. For modelling purposes LACW has been further separated as LACW (H) (waste collected from households) and LACW (Other) (non-household wastes such as street sweepings) to allow assessment against the Waste Framework Directive recycling target (50% by 2020) which applies only to waste collected from households. The secondary waste by-products created from the first stage EfW recovery process have been further included as LACW (Secondary). The term residual waste refers to the waste that cannot be or is not separated for recycling or composting. The Council currently diverts most of its residual waste away from landfill through the waste disposal contract with Sita Kirklees Ltd (formerly Sita), principally through the Huddersfield EfW Plant.

¹⁰ The summary of the LACW stream includes a specific section reviewing future arisings due to the importance attached to understanding the implications of continued operation of the EfW facility and requirements for other infrastructure beyond the end of the PFI contract.



LACW: Current Arisings, Facilities and Management Mix

- 6.2.2. In 2014/5 arisings of LACW (H) totalled 160,974 tonnes with a further 17,400 tonnes of LACW (Other) and 27,734 tonnes of LACW (secondary). Therefore the total quantity of LACW waste was 206,108 representing 23% of all waste arisings in the Plan area¹¹.
- 6.2.3. As stated above, Kirklees currently relies on the EfW facility at Huddersfield as the primary method of disposing of residual LACW and at present the plant currently handles a total of 102,395 tonnes of LACW(H) and LACW(Other)).
- 6.2.4. Mixed recyclables are handled at the dedicated Materials Recycling Facility in Huddersfield and the Thornhill integrated Waste Management Facility in Dewsbury. In 2014 33,725 tonnes were recycled at these two sites with separated wastes sent to third party-operated reprocessing plants outside the Plan area. Some materials that require more specialised recycling (eg. batteries) are taken to other reprocessing sites operated by Suez (Sita's parent company) which serve several regions and which are located outside the authority.
- 6.2.5. There are no operational non-hazardous landfill sites in Kirklees (although one site Laneside Quarry Landfill was permitted until the end of 2015 to accept such material) and as a result any residual waste that cannot be sent for energy recovery is currently exported out of the Plan area. Currently the main export routes are to landfills in Scunthorpe, Wakefield and Leeds, however it is understood that from 2015 all waste will start to go to Skelton Grange landfill in Leeds. In 2014/15 the quantity of LACW(H) disposed to landfill was 15,236 tonnes.
- 6.2.6. There is a single site in Huddersfield that has a composting pad and which has permission to compost green waste. However the PFI contractor currently sends around 13,588 tonnes of material to a facility in Wakefield and the capacity gap assessment assumes this arrangement will continue in the foreseeable future.

LACW: Future Arisings

6.2.7. Table 8 summarises an analysis of the LACW capacity gap for all management routes for four combinations of growth and management scenarios covering the range of

¹¹ Further to the comment in the previous paragraph, the quantity of trade waste collected in 2014/15 and deducted from total LACW arisings was 25,147 tonnes.

- possible outcomes. It also allows comparison of the impact of closure of the EfW facility in 2028 and if it remains in operation subsequently.
- 6.2.8. Table 8 shows that while the Growth 2, 3 and 4 scenarios would result in greater landfill diversion rates, the limited quantity of certain local capacity results in a corresponding increase in the capacity gap for facilities for recycling LACW(H) including a small amount of inert waste in that stream.

Table 8: Table 8: Comparison of the LACW (H) and LACW (Other) Capacity Gaps

| | Behaviour | Baseline | Med. Recycling | Med Recycling | Max. Recycling |
|--------------------|-----------|-----------|----------------|------------------|----------------|
| Scenarios: | Growth | No Growth | Growth 2 | Growth 3 | Growth 4 |
| Recycling (LACW) | 2016 | 37,936 | 52,253 | 52,498 | 60,288 |
| | 2020 | 37,936 | 72,919 | 73,636 | 93,673 |
| | 2031 | 37,936 | 96,287 | 98,551 | 126,154 |
| | 2036 | 37,936 | 108,676 | 111,855 | 143,695 |
| Recycling (Metals) | 2016 | 2,223 | 2,385 | 2,392 | 2,401 |
| | 2020 | 2,223 | 2,585 | 2,602 | 2,627 |



| | Behaviour | Baseline | Med. Recycling | Med Recycling | Max. Recycling |
|-------------|-----------|-----------|----------------|------------------|----------------|
| Scenarios: | Growth | No Growth | Growth 2 | Growth 3 | Growth 4 |
| | 2031 | 2,223 | 3,226 | 3,283 | 3,364 |
| | 2036 | 2,223 | 3,568 | 3,648 | 3,764 |
| Composting | 2016 | 13,588 | 14,246 | 14,287 | 14,346 |
| | 2020 | 13,588 | 14,974 | 15,076 | 15,219 |
| | 2031 | 13,588 | 18,689 | 19,017 | 19,487 |
| | 2036 | 13,588 | 20,671 | 21,135 | 21, 805 |
| EfW to 2028 | 2016 | - 28,345 | -27,244 | 26,940 | -33,973 |
| | 2020 | - 28,345 | -27,732 | -27,025 | -45,048 |
| | 2031 | 103,655 | 129,917 | 132,197 | 111,105 |
| | 2036 | 103,655 | 143,587 | 146,814 | 124,212 |
| EfW to 2031 | 2016 | - 28,345 | -27,244 | -26,940 | -33,973 |
| | 2020 | - 28,345 | -27,732 | -27,025 | -45,048 |
| | 2031 | -28,345 | -2,083 | 197 | -20,895 |
| | 2036 | -28,345 | 11,587 | 14,814 | -7788 |

| | Behaviour | Baseline | Med. Recycling | Med Recycling | Max. Recycling |
|------------|-----------|-----------|----------------|------------------|----------------|
| Scenarios: | Growth | No Growth | Growth 2 | Growth 3 | Growth 4 |
| Landfill | 2016 | 15,677 | 13,487 | 13,527 | 13,581 |
| | 2020 | 15,677 | 9,822 | 9,888 | 9,982 |
| | 2031 | 15,677 | 12,180 | 12,394 | 12,701 |
| | 2036 | 15,677 | 13,436 | 13,738 | 14,174 |

[Source: Kirklees Waste Needs Assessment model May 2016 – all figures in tonnes; negative values identify where there is a capacity surplus]

LACW: Required Facilities – Energy Recovery

- 6.2.9. The modelling scenarios assume that the existing energy recovery facility with a capacity of 132,000 tonnes will be available until 2028 and a further modelling exercise examines the effect of extended operations to 2036. Current operations allocate this capacity for managing LACW only and the assessment therefore assumes that any spare capacity that may be identified would not be available for energy recovery of residual C&I wastes.
- 6.2.10. Two other assumptions about EfW capacity should be noted:
 - the capacity shown above reflects the maximum throughput reported over the period 2010-2014 and is therefore considered to be a realistic estimate of what can be accepted once the effect of partial closure for periodic scheduled maintenance is taken into account:
 - it is expected that the plant will need to be refurbished if it continues operation beyond 2028 though it is not known whether this would result in a change in capacity. The model assumes the capacity referred to above would continue to be available throughout the extended operating period.
- 6.2.11. If the EfW plant closes in 2028, under the No growth/Baseline scenario combination there will be a shortfall of capacity of over 100,000 tonnes (103,655 tonnes at 2031) annually for the remainder of the Plan period, and under Growth 4 /maximised recycling combination this gap increases 33,900 tonnes in 2016 to 111,105 tonnes by 2031.



Under median recycling, growth 2 if the plant closes by 2028, there will be a shortfall by 2031 of 129,917 tonnes. If the Efw plant is not continued then the plan will need to address this gap.

6.2.12. This aspect of the assessment can now inform the Council's review of the strategy for managing residual LACW once the current PFI contract has ended.

LACW: Required Facilities - Recycling

- 6.2.13. The requirement for additional recycling capacity to achieve net self sufficiency increases over the plan period in all of the growth scenarios. The gap at primary processing facilities increases from 60,288 to 143,695 tonnes over the Plan period by 2036 under the Growth4/Maximum recycling scenario combination, under Growth 3/Median recycling the requirements rise from 52,498 in 2016 to 111,855 tonnes in 2036.
- 6.2.14. However it is important to recognise that recycling is a multi-stage process and the current assessment can only assess requirements for the initial stage of separating materials, whether this occurs at MRFs or HWRCs. The separated material requires further downstream capacity to reprocess it into secondary products and at present this activity occurs outside Kirklees. As recyclate comes from both LACW and C&I sources and from a wide geographic range of sources the delivery of new capacity locally will depend on whether it is commercially attractive to private waste contractors and it is not clear that the Plan can provide for these facilities specifically. Any continued reliance on external capacity has implications for matters the Council needs to address with respect to the Duty to Cooperate.
- 6.2.15. Additional non-inert capacity may be provided by expansion of the existing facilities however this will depend on the approach taken by the current PFI contractor. The small scale of the inert capacity gap and the current quantity of arisings suggests these materials will be handled at merchant sites locally or in other authorities, or that the contractor is moving them to a centralised facility outside Kirklees.

LACW: Required Facilities - Landfill

6.2.16. Even though all the Growth scenarios result in falling levels of landfill disposal there will still be a shortfall throughout the Plan period due to a lack of local capacity. The shortfalls for disposal of LACW(H) and LACW(other)) wastes fall from 15,677 tonnes

tonnes under the baseline position to 9,888 tonnes (median Recycling/Growth 3) by 2020 and 13,738 tonnes by 2036 as a result of the assumptions of continued growth in arisings under each scenario.

6.3. Commercial and Industrial (C&I) Waste

6.3.1. There have been no specific surveys of C&I waste arisings in Kirklees and therefore the quantities of C&I waste arisings have been extrapolated from a survey of this stream in the North West region as it is geographically close to Kirklees and data is published in sufficient detail with respect to the number, size and sector distribution of businesses to allow the results to be extrapolated to the Plan area.

C&I Waste: Current Arisings, Facilities and Management

- 6.3.2. Industrial waste makes up 54% of C&I arisings with the principal sources being Textiles / Wood / Paper / Publishing (27%), Other Manufacturing (25%) and Chemical and Non-metallic Minerals Manufacturing (23%). Commercial waste makes up 46% of C&I arisings with the main producing sectors being Retail and Wholesale, Other Services (i.e. banks, insurance, solicitors, service providers) and the Hotel and Catering sectors.
- 6.3.3. Combined C&I arisings at present amount to 362,000 tonnes of which around 32,000 tonnes is classified as hazardous waste.
- 6.3.4. Extrapolation of the NW survey results suggests of C&I waste, 65% is recycled (recycling tends to be higher in Industrial waste and this sector is more important in the NW and Yorks and Humber side than in the National average), 22% goes to landfill, 6% is managed by other treatment routes and it is not known how the other 7% is managed. Many of the existing waste management operations can treat more than one waste stream. However the facilities serving the PFI contract handle LACW only and therefore it is possible to identify the capacity available to manage C&I waste.
- 6.3.5. Currently there is estimated to be approximately 247,000 tonnes of capacity for recycling C&I wastes. However it should be recognised that some of these facilities also manage CD&E wastes with the respective quantities varying from year to year as the materials are normally managed under short-term contracts, making it difficult to establish requirements accurately.



<u>C&I Waste Required Facilities: Transfer Stations</u>

- 6.3.6. Waste transfer stations and bulking facilities provide a valuable component in the efficient management of waste materials though they do not contribute to recycling or recovery rates directly. They are particularly useful when waste arisings are relatively small in quantity and widely distributed within high density populated areas.
- 6.3.7. However, there is no certainty that transfer capacity is in the right location to serve future waste management needs and the Plan needs to be flexible up to a point, allowing additional facilities to come forward if it can be demonstrated that there are local shortages of capacity close to where waste arises.

C&I Waste Required Facilities: Recycling Facilities

6.3.8. The Baseline Scenario/no growth indicates that a gap of 88,678 tonnes in capacity appears for the baseline position and increases under all growth scenarios and with increased recycling. The gap becomes significant for C&I under both Growth options 2 and 4 when seeking to achieve the Maximised recycling scenario by 2031. Table 9 shows the growth in the capacity gap under this scenario combination.

Table 9: Capacity Gaps for Recycling C&I Waste Over the Plan Period*

| Year | Baseline No Growth | Median Recycling Growth 2 | Median Recycling Growth 3 | Maximised Recycling Growth 4 |
|------|-----------------------|------------------------------|------------------------------|---------------------------------|
| 2016 | 88,678 | 110,448 | 109,162 | 117,134 |
| 2021 | 88,678 | 133,350 | 131,202 | 148,865 |
| 2031 | 88,678 | 160,101 | 156,835 | 172,653 |

^{*}Due to the nature of licensed waste management sites being able to treat both C&I and some agricultural wastes for (origin in this classification is not distinguished when reporting to the Environment Agency from sites) local knowledge has also been applied to aid separation of LACW wastes.

[Source: Kirklees waste needs assessment model, August 2016]

C&I Waste Required Facilities: Composting

6.3.9. The summary of LACW capacity requirements refers to a single site in Kirklees that is equipped and permitted to compost green waste. This facility has never been in service

and is operated by the PFI contractor which currently makes alternative arrangements using capacity outside Kirklees. It is unlikely this site will open for this purpose or that the capacity would be available to manage similar waste in the C&I stream.

6.3.10. Around 2,600 tonnes of C&I waste is currently composted. All modelling scenarios based on increase recycling performance also assume a proportionate increase until around 2020, then this requirement tapers out by 2031. This level of requirement is typical of a small-scale green waste composting facility and suggests it would be realistic for the Plan to make provision for such a facility to come forward and reduce dependence on external capacity.

C&I Waste Required Facilities: Specialised Recycling

6.3.11. Modelling shows a surplus capacity for this type of facility throughout the Plan period under all scenario combinations though there are small differences in the size of the surplus (between 31,115 and 38,227 tonnes). Therefore no further capacity is needed to manage local wastes

C&I Waste Required Facilities: Treatment

6.3.12. Treatment includes a wide range of processes that may be required to deal with specific materials prior to recycling, energy recovery or final disposal. There is a current surplus of some 81,000 tonnes capacity within Kirklees throughout the entire Plan period. It is expected this will primarily be available to treat C&I wastes as the management route for LACW is determined by the terms of the PFI contract until 2023.

C&I Waste Required Facilities: Energy from Waste

- 6.3.13. Existing energy recovery capacity is dedicated to managing LACW through the PFI contract and, as stated previously, the assessment assumes there is no spare overhead available to manage locally arising C&I waste.
- 6.3.14. The baseline position suggests that a small proportion of C&I waste is currently going to thermal treatment with or without energy recovery. Even under the median recycling and maximum growth assumptions which create the highest demand for energy recovery, the requirement would be around 31,000 tonnes and would account for around 8% of arisings. This situation is likely to reflect the existing high level of recycling



- which leaves only a moderate amount of residual waste, much of which may be unsuitable for this form of treatment.
- 6.3.15. This quantity is too small to make a local facility economically viable unless it serves a wider market. Published reports suggest the UK currently has a surplus of operational or planned EfW capacity. Therefore there would be limited incentive to bring forward additional capacity locally. It will be necessary to continue relying on capacity in other authorities.

C&I Waste Required Facilities: Non-Hazardous Landfill

- 6.3.16. There is a single landfill (Laneside Quarry) permitted to accept non-hazardous waste but it has only accepted inert waste in the past and this was due to close in 2015, however there was still over 600,000CM³ of void space available at the end of 2014. Nevertheless, for the purposes of this study the capacity it offers has been taken into account in the very early years of the Plan period while the site remains open.
- 6.3.17. Closure of the site will create a capacity gap of over 100,000 tonnes from 2016, rising to around 114,000 tonnes under the highest growth option by 2031 if there is no further improvement in recycling performance. Note that while further improvement could be envisaged for LACW in order to work towards EU and national targets, the high existing level of diversion of C&I wastes suggests the existing level may be a more accurate reflection of capacity needs in the longer term. In contrast the higher recycling performance assumed for the Growth 4/Maximised Recycling scenario combination would reduce the capacity shortfall to around 44,000 tonnes by 2031 and under Growth3/Median Recycling the requirement would be around 49,000 tonnes.
- 6.3.18. The fate of the site cannot be judged at this time. However if it was granted a further operational extension and if it began to take non-hazardous waste then the capacity gap of 100,000 tonnes would not materialise until 2026. However if higher recycling performance is achieved the shortfall would be around 48,000 tonnes from 2026 assuming not growth.
- 6.3.19. Given the previous history of this site it appears unlikely to expect that the operator would begin to take biodegradable waste, not least because of the complications this would entail in minimising environmental impacts, some of which should not arise while it takes inert waste only. As a result the Council will need to assume that disposal of

residual C&I waste will continue to depend on external capacity and it will need to take appropriate steps to contact receiving authorities to establish that capacity will continue to be available through the Plan period.

6.4. Construction, Demolition and Excavation (CD&E) Waste

6.4.1. Waste materials generated from Construction, Demolition and Excavation (CD&E) operations include surplus waste construction materials as well as a range of materials generated by the demolition of buildings and soils and sub-soils from excavation. Most of these materials are inert with respect to their pollution potential though small quantities of materials containing gypsum or asbestos, or that have been contaminated by previous land uses, are classified as hazardous waste.

CD&E Waste: Current Arisings, Facilities & Management

- 6.4.2. Kirklees at present has significant capacity for managing inert C&D and excavation wastes. This is primarily in the form of landfill capacity, though there is some treatment plant, recycling and transfer facilities.
- 6.4.3. Data published by the Environment Agency suggests that around 65,000 tonnes of C&D waste and 225,000 tonnes of excavation waste was produced in Kirklees in 2014. Around 61% of C&D and 85% of excavation waste arising locally was also managed locally. C&D waste that arose locally and was then exported went mainly to treatment facilities (21,119 tonnes or 83% of exported C&D waste) while 72% of locally arising excavation waste went to landfill, reclamation and land recovery.
- 6.4.4. The current management mix for C&D wastes is 49% transfer facilities, 37% treatment, 8% inert landfill, 5% recycling, and 1% through household waste recycling facilities. Current management mix for excavation wastes (2014) are 34% landfill, hazardous landfill 3%, 24% reclamation, 16% land recovery, 21% transfer station (non hazardous) and 2% through household waste recycling facilities.
- 6.4.5. In both cases these figures may disguise potentially higher rates of recycling or other diversion from landfill. Current requirements mean that some wastes managed or reused at source go unreported however such practice makes no use of capacity at third party-provided facilities that the Plan may need to provide for. Therefore the figures



above are a reasonable estimate of the current position recognising the limitations of the data sources.

CD&E Waste Required Facilities: Transfer Stations

6.4.6. Waste transfer stations and bulking facilities often provide a valuable component in the transfer and bulking of CD&E waste materials. There is a surplus of such capacity over the whole Plan period, reflecting a situation common with other authorities.

CD&E Waste Required Facilities: Recycling

- 6.4.7. There is a shortfall of capacity for recycling of CD&E materials over the whole Plan period. The baseline situation (change in requirement driven by arisings growth only not by increased recycling performance) suggests a gap of almost 86,383 tonnes (growth 1/baseline situation) at 2031. This figure increases assumed by the growth 4/maximised recycling scenario combination and reaches 137,283 tonnes by 2031.
- 6.4.8. Several local sites that may be capable of handling CD&E wastes are classified as transfer stations as this was their original function. Recycling provides operators with an additional revenue stream and is therefore a logical diversification of use at these locations. Experience from other needs assessment studies suggests they can contribute a potentially significant amount of additional recycling capacity that is hidden from the current analysis.
- 6.4.9. The Council may wish to undertake further research to identify whether any local sites are contributing extra recycling capacity which may reduce or possibly eliminate the gaps identified above. Note that this issue also applies to the C&I stream as many of these facilities manage both C&I and CD&E wastes though it may be difficult to establish the respective quantities and the implications for the individual capacity gaps.
- 6.4.10. The only means of recycling Excavation waste is through re-use of the material in landscaping development sites, engineering and restoration of landfill sites or minerals workings. Provision of future capacity lies outside the scope of the Plan because it will be dictated to a large extent by the scale and timing of development and regeneration activities that may require this material, both of which are unpredictable. It should also be noted that Excavation wastes extracted and re-used at source are not reported and therefore the 'capacity' (actually the demand for this material) will arise elsewhere in Kirklees or in other authorities.

CD&E Waste Required Facilities: Landfill

6.4.11. Kirklees at present has significant capacity for managing inert C&D and excavation wastes through existing landfill capacity throughout the plan period for all scenarios.

6.5. Hazardous Waste

6.5.1. Materials are classified as hazardous if they have characteristics that make them harmful to human health, or to the environment, either immediately or over an extended period of time. Such wastes require specialised handling during movement and management and usually arise in small quantities at sites spread over a wide area. As a result a network of specialised facilities has evolved to process the UK's hazardous wastes, with sites typically serving regional or national catchments.

Hazardous Waste: Current Arisings, Facilities & Management

- 6.5.2. A total of 32,537 tonnes of hazardous waste was recorded as arising in Kirklees in 2014 with 7,669 tonnes of these materials being managed locally as shown in Table 10. This is a reduction of 8% from the 2013 HWDI reports of 35,390 tonnes of hazardous waste arisings in Kirklees and a reduction of the amount of Kirklees arisings being managed locally, 23% (25%, 9,001 tonnes of materials being managed locally in 2013).
- 6.5.3. The principal local management capacity is in the form of two landfill sites. The Bradley Park landfill has shown an increase in the disposal of hazardous waste from 2013 to 2014 data (92,000 tonnes in 2013 and 104,000 tonnes in 2014), whilst the hazardous waste accepted at Thornhill Quarry, recorded as asbestos waste, has increased by 1000 tonnes (7000 tonnes in 2013 and 8000 tonnes in 2014).
- 6.5.4. There is also a small amount of transfer station capacity and a modest amount of treatment capacity (around 17,000 tonnes). The latter is specialised and is discussed below in the section on agricultural wastes.
- 6.5.5. Landfill disposal accounted for 86% of wastes that arose and were managed locally, which is unsurprising given the availability of this capacity and limited facilities for other management methods. Over 60% of local wastes that were exported were treated or recovered with the quantity being almost four times that landfilled locally. These figures



suggest local management of hazardous wastes conforms well to the Waste Hierarchy even if there is a dependence on external capacity.

Hazardous Waste Required Facilities: Landfill

- 6.5.6. The existing landfills mean that Kirklees is a net importer of hazardous wastes and the limited demand for capacity means there is no requirement during most of the Plan period.
- 6.5.7. However both facilities have time-limited permissions and it is not known whether applications to extend operations will be sought or granted. The projected capacity shortage following closure of both facilities is limited, ranging from just over 6,000 tonnes to just over 7,000, tonnes.
- 6.5.8. If no further time extension is possible it will be necessary to use facilities in other authorities unless additional local sites can be identified. However the implications of closure will probably be greater for other authorities that make use of these sites.

Hazardous Waste Required Facilities: Treatment & Recovery

- 6.5.9. The details above indicate the level of reliance on external capacity to treat and/or recover local hazardous wastes and this situation is unlikely to change significantly over the Plan period. As explained previously, the small quantities and diverse management requirements for handling these wastes mean that local facilities handling only small quantities of waste are unlikely to be economically viable. Consequently the KLP cannot make specific provision for such facilities though it might identify any allocated sites that might be suitable for this use in the event that a future planning application is submitted.
- 6.5.10. Instead the priority is to contact those Waste Planning Authorities receiving hazardous waste from Kirklees in order to establish whether they are aware of any foreseeable changes which may affect the availability of capacity over the Plan period, and in order that the Council complies with its obligations under the Duty to Cooperate. The accompanying Part 1 report on this study identifies the authorities that received local wastes in 2014 and the quantities involved.

6.6. Agricultural Waste

6.6.1. Agricultural premises are defined in the Agriculture Act 1947 as land used for: horticulture, fruit growing, seed growing, dairy farming, livestock breeding and keeping,

grazing land, meadow land, osier land (growing willow), market gardens and nursery grounds. It should be noted that accurate assessment of arisings and management methods is hampered by the lack of current data, with the principal sources used to calibrate these estimate being from 2001 and 2003.

Agricultural Waste: Current Arisings, Facilities & Management

- 6.6.2. There are 856 farm holdings in Kirklees which are estimated to generate almost 586,000 tonnes of waste. However over 99% of this material comprises organic byproducts (e.g. waste milk, slurry) that is spread or buried on the farm where arises, while other material such as waste straw, wood, etc. is either re-used, buried or burned at source. As a result only 4,166 tonnes of these wastes are estimated to require external, off-farm capacity and to fall within the scope of capacity planning that the Plan needs to address.
- 6.6.3. Most of the material leaving the holdings is either incinerated or recycled. The majority of the former occurs at specialised facilities in order to comply with Animal By-Products legislation. The waste involved falls within the category of hazardous waste and again this means treatment capacity is specialised, centralised, and typically serves a national catchment. Residual waste suitable for recycling typically comprises wood, glass, paper, etc. It is therefore indistinguishable from parts of the C&I stream and managed at the same facilities, albeit in much smaller quantities.

Agricultural Waste: Required Facilities

- 6.6.4. The future projections assume no growth in arisings or significant change in agricultural practices have occurred since the original surveys were undertaken or that such changes will not occur over the Plan period. Such changes are considered to be unlikely. Any facilities to manage off site recycling and hazardous landfill would only be economically viable if larger quantities of these wastes arose locally and, as stated above, recyclable wastes can be managed at the same sites as C&I waste.
- 6.6.5. Capacity for specialised treatment is already available locally at facilities in Dewsbury (storage and rendering) and Huddersfield (high temperature incineration) and it is not anticipated that additional capacity will be needed.



6.7. Low Level Radioactive Waste

Arisings and Required Facilities

- 6.7.1. Information provided by the EA shows that a single site within the Plan area generates these wastes in very small quantities. The emissions are sufficiently harmless and in liquid form which enables their safe disposal to foul sewer along with other non-hazardous wastes.
- 6.7.2. Given the limited number of sources and quantity and nature of material involved there does not appear to be a requirement to provide any specialised facilities for managing low-level wastes within the Plan area.
- 6.7.3. Local disposal also implies the Council does not need to check on the availability of capacity in other authorities. However it should be noted that the EA no longer reports the quantities and sources of these arisings and it may be prudent for the Council to consider a future, small-scale survey of potential local sources of these materials to check that the current situation has not changed, and to take appropriate action if it has.

6.8. Waste Water / Sewage Sludge

Arisings and Required Facilities

- 6.8.1. Relevant waste water infrastructure falls into two categories: waste water treatment works (WWTWs) which process materials delivered by foul sewer, and sewage sludge treatment works (SSTWs) that treat semi-liquid treatment residues. In addition to a network of the former, a single SSTW operates within the Plan area.
- 6.8.2. The quantity of arisings is largely immaterial for the Plan insofar as treatment separates purified liquids (discharged to controlled waters) from residual sludge for which there are a number of disposal options (landfill, land spreading following decontamination in a sludge treatment works, or incineration). The choice of management methods lies with the statutory local undertaker: Yorkshire Water. Of these methods only landfill disposal has implications for the waste management capacity needs addressed by this study, but this material is already included as part of the C&I waste stream.
- 6.8.3. The key issue for the Plan is whether land will be needed outside the curtillage of existing WWTWs and SSWs to provide the additional capacity to meet future demand as a result of housing growth and industrial activity in the Plan area.

6.8.4. Recent discussions between Kirklees Council and Yorkshire Water have identified a need for infrastructure improvements at treatment facilities serving the Meltham and Clayton West areas. No date for the implementation of increased capacity has been identified as yet and both parties remain in discussion to determine the timing and whether any additional land take will be needed.



7. CONCLUSIONS & NEXT STEPS

7.1. Principal Conclusions

- 7.1.1. Chapter 6 provides detailed commentary on the findings of this study and its implications for the capacity that the KLP will need to provide for with regard to future waste management capacity. The principal conclusions from the capacity assessment in terms of the need for extra facilities are as summarised below, recognising that the requirements vary depending on the choice of growth and landfill diversion assumptions that are used. These points focus on the maximum capacity requirement that has been identified.
 - A significant amount of additional capacity is needed for managing recyclate LACW (60,288 tonnes in 2016 rising to 93,673 tonnes by 2020 and 126,154 tonnes by 2030 if the highest levels of recycling are achieved and assumed highest growth (scenario growth4/maximised recycling).
 - The existing EfW plant provides adequate capacity until such time as it closes (although there is a tiny shortfall of approximately 3000 tonnes at 2031 assuming the highest growth and maximised recycling/recovery (Growth 4/max recycling/recovery). If this occurs during the Plan period (in 2028) it will result in a capacity gap of around 100,000 tonnes over the rest of the Plan period.
 - There is no operational green waste composting capacity at present and components of the LACW and C&I streams are managed outside Kirklees. The former occurs within the terms of the PFI contract but it would be prudent for the Kirklees Local Plan to provide for a small merchant facility to address the latter gap.
 - Substantial increase in the recycling rate for C&I waste could lead to a capacity gap of up to 100,000 tonnes by the end of the Plan period if the highest levels of recycling are realised, this would be reduced to around 83,000 tonnes under Growth 3/Median recycling. Some of this capacity may be available at sites that are currently identified as transfer stations and this may warrant further survey to establish whether this is available or whether the Plan will need to provide land for further facilities.
 - Local EfW capacity is assumed to be dedicated to managing LACW. The
 estimated high level of existing recycling performance for C&I wastes results in a
 correspondingly low requirement for additional EfW and treatment capacity. The
 requirement for the former is around 31,000 tonnes by 2031 and it is unlikely this
 is sufficient to make an additional facility economically viable. Consequently it will
 be necessary to rely on external capacity in the future.

- There is a permanent shortage of non-hazardous landfill capacity for the disposal of residual LACW and C&I waste. The maximum requirements are for 10,000 tonnes and 114,000 tonnes respectively, with the former reflecting the existing high level of landfill diversion.
- The capacity shortfall for recycling CD&E wastes is substantial, rising from 65,000 tonnes to 95,000 under the highest performance assumptions and just under 74,000 tonnes under Growth 3/Median recycling. However, as with C&I wastes, some of this shortfall may be available already at sites currently categorised as transfer stations. It may be prudent to undertake further review of their waste management functions in order that the Plan does not over-provide this capacity if it is greater than currently estimated.
- The capacity shortfall for recycling CD&E wastes is substantial, rising from 99,897 tonnes in 2016 under the highest performance assumptions (highest growth 4 assumed and maximum recycling scenario assumed) to 137,283 tonnes by 2031. This reduces slightly under Growth 3/median recycling at 2016 by 88,182 tonnes and by 2031 to 113,639 tonnes. However, as with C&I wastes, some of this shortfall may be available already at sites currently categorised as transfer stations. It may be prudent to undertake further review of their waste management functions in order that the Plan does not over-provide this capacity if it is greater than currently estimated.
- Three quarters of locally-produced hazardous wastes are exported to management facilities in other authorities due to a lack of local capacity. This situation is commonplace due to the specialised nature of the materials and how they must be managed and consequently most authorities rely on capacity at external facilities that are part of a network of sites with regional or national catchments. The Plan can continue to rely on this approach provided the Council continues to check the availability of this external capacity with the authorities where the facilities are located.
- A small shortfall in hazardous landfill capacity will occur towards the end of the Plan period once both of the sites currently operating have closed. This situation may require reliance on external capacity unless operations can be extended at one or both of these sites.
- 7.1.2. Otherwise the Plan area is well-served by transfer station capacity, specialised recycling facilities (eg. those handling metal wastes), and voidspace at inert and hazardous landfills. Existing disposal and recycling arrangements for agricultural and low-level radioactive wastes are not expected to require additional capacity during the Plan period.



Next Steps

- 7.1.3. The information presented in this report is based on the best available data as at September 2016 when the principal analysis was undertaken.
- 7.1.4. If Kirklees is to become net self-sufficient in managing its waste then it will need to consider the implications and requirements of the modelling scenarios and select an appropriate scenario to identify the capacity gap and plan for future waste facilities in Kirklees.
- 7.1.5. Based on the findings of this study, the Council will need to identify sites/areas suitable to accommodate new waste management facilities to address the identified gaps. The number of sites and land area required cannot be established at this time and the next step will be to review the implications of the different analyses and to select the combination of Growth and Behaviour scenarios that defines the level of waste management performance the Council will aim to deliver through the KLP within the context of also meeting its statutory and non-statutory targets.
- 7.1.6. Assessment is not a one-off exercise and it will be prudent to re-assess capacity of existing sites periodically as well as checking whether any new facilities have come forward in the interim in order to assess the implications of both for the meeting the needs identified by this study.
- 7.1.7. Some capacity gaps result from a lack of local facilities and may persist because waste contractors will continue to take wastes to sites outside Kirklees rather than bringing forward new local capacity. This situation currently applies to green waste composting, reprocessing of separated recyclables into secondary products, and landfill disposal of non-hazardous waste. Detail on the destination and quantity of wastes involved has been provided in the Part 1 report.
- 7.1.8. In such circumstances, the Council should make contact with those Waste Planning Authorities receiving waste from Kirklees in order to establish whether they are aware of any changes which may affect the availability of external capacity over the life of the Plan. Again, this is not a one-off process and will need to be reviewed periodically.
- 7.1.9. Any loss of access to external capacity will increase certain existing capacity gaps, or create new ones where the current assessment assumes reliance on external facilities

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will persist and this will need to be reflected in site allocations for future waste capacity included in the KLP.



Glossary of Terms

| Acronym | Term | Definition |
|---------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AD | Anaerobic Digestion | A process where biodegradable material is encouraged to break down in the absence of oxygen. Material is placed into a closed vessel and in controlled conditions the waste breaks down to produce a mixture of carbon dioxide, methane and solids/liquids known as digestate which can be used for fertiliser, compost or Solid Recovered Fuel (SRF) |
| APCRs | Air Pollution Control Residues | Bi-product produced from treatment of wastes through an energy from waste plant |
| C&I | Commercial and Industrial Waste | Waste generated by shops, offices, factories and other businesses and industry |
| - | Composting | A biological process which takes place in the presence of oxygen in which organic wastes, such as garden and kitchen waste, are converted into a stable, granular material. This can be applied to land to improve soil structure and enrich nutrient content. |
| CD&E | Construction Demolition and Excavation Waste | Controlled waste arising from the construction, repair, maintenance and demolition of buildings and structures. |
| EfW | Energy from Waste | The controlled high temperature burning of waste. Energy recovery is achieved by utilising the calorific value of the materials burnt. The most efficient facilities combine the production of heat (usually in the form of steam) with power (electricity) which is usually referred to as combined heat and power (CHP). |
| ELV | End of Life Vehicle | Motor vehicles that fall into the category of 'waste' as defined by the EU Waste Directive. |
| EA | Environment Agency | Agency which regulates waste management activities by issuing waste management licenses and other permits and exemptions. The EA also conducts national surveys of waste arising and waste facilities. |
| GVA | Gross Value Added | A measure of the value of the goods and services produced in the economy. |
| - | Hazardous waste | A sub category of all waste streams, where the material produced is hazardous and requires specialist treatment |
| - | Inert waste | Inert waste is waste that does not undergo significant physical, chemical or biological changes following disposal and does not adversely affect other matters that it may come into contact with, and does not endanger surface or groundwater. |

| Acronym | Term | Definition |
|---------------------|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| - | Landfill | Restoration of land (for example, a former quarry) using waste. |
| - | Land recovery | The restoration of land using inert waste to enable the land to be used for a new purpose. |
| LACW | Local Authority Collected Waste | Previously known as municipal waste, LACW refers to all waste collected by a Local Authority. |
| LACW(H) | Local Authority Collected Waste Household | Household waste collected by a Local Authority |
| LACW (Other) | Local Authority Collected Waste other | Non-household waste collected by a Local Authority (such as street cleaning collection, rubble from household waste recycling sites). |
| LACW (Secondary) | Local Authority Collected Waste secondary | Secondary bi-products from initial treatment of LACW household waste through EfW producing metals, APCRs and bottom ash |
| LLW | Low level Radioactive Waste | Radioactive waste having a radioactive content not exceeding four GBq/te of alpha or 12 GBq/te of beta/gamma activity. |
| | Recycling | Turning waste into a new substance or product, includes composting if it meets quality protocols. |
| ROCs | Renewable Obligations Certificates | Green certificates issued to operators of accredited renewable generating stations for the eligible renewable electricity they generate. |
| SSTW | Sewage Sludge Treatment Works | Infrastructure providing initial treatment of material delivered by foul sewer from homes, businesses and the network draining the wider public realm. |
| | Thermal Treatment without energy recovery | Management of waste by incineration without use of facilities to capture heat given off for the purposes of energy recovery. Some facilities using this technology to manage LACW still exist while others involve very high temperature incineration due to the properties of specific wastes (ie.clinical, animal by-products and other hazardous wastes) |
| | Transfer/Transfer Station | Facility for receiving and 'bulking up' waste before its onward journey for treatment, recycling or disposal elsewhere. |
| | Treatment | Physical, chemical, biological or thermal waste management processes which change the characteristics of waste. |



| Acronym | Term | Definition |
|----------|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | Waste facilities include: |
| | | Transfer stations |
| | | Energy from Waste (Incineration with energy recovery) |
| | | Recycling facility |
| - | Waste facilities | Treatment facility (e.g. mechanical biological or mechanical heat treatment) |
| | | Household waste recycling centre |
| | | Landfill/landraise |
| | | Materials recovery facility |
| | | Waste streams include: |
| | | LACW |
| | | C&I |
| | Waste streams | CD&E |
| - | waste streams | Hazardous |
| | | Agricultural |
| | | LLW |
| | | Waste Water/Sewage Sludge |
| | | Waste management routes include: |
| | | Recycling |
| | Waste management routes | Composting (in vessel or open windrow) |
| - | | Treatment (recovery via thermal, physical, chemical or biological treatment) |
| | | Landfill/landraise |
| | | Transfer onwards to other waste management facility |
| WDI/HWDI | Waste Data Interrogator / Hazardous Waste Data Interrogator | Data tool prepared by the EA based on information provided by waste operators. It allows for assessments of strategic waste and general waste flow. |
| WEEE | Waste Electrical and Electronic Equipment | Term used to describe old, end-of-life or discarded appliances using electricity. |
| wwtw | Waste Water Treatment Works | Infrastructure providing initial treatment of material delivered by foul sewer from homes, businesses and the network draining the wider public realm. |

Appendix 1

Appendix 1 provides details of existing and known planned waste facilities in Kirklees that are/will be operational during the plan period. Unless specified all sites are given a start date of 2016 for modelling purposes, even though they may well have been operational for some years. Again, unless known, the end date is assumed to the 2036 which is the end year for modelling purposes. New capacity may start during the plan period, and this is shown where known, and existing capacity which has an end date during the plan period are also shown to provide as accurate a picture of operational capacity.

| Site Name | Facility Type | Annual Capacity | Start date | End date (if known) | Waste Catagories | Landfill I Site Void space (2015) |
|-------------------------------|---------------------------------------|--------------------|---------------|---------------------|---------------------|-----------------------------------|
| 30 Pheasant Drive | Recycling (MRFS) | 1,086 | 2016 | 2036 | Hazardous & CI | |
| A1 Autospares | Recycling (Metals) | 560 | 2016 | 2036 | CI only | |
| Albert Haigh & Son Ltd | Recycling (Metals) | 500 | 2016 | 2036 | Hazardous & CI | |
| Arthur Brook Ltd | Recycling (Metals) | 22,760 | 2016 | 2036 | Hazardous & CI | |
| Atiques Auto Dismantlers | Recycling (Metals) | 123 | 2016 | 2036 | Hazardous & CI | |
| Bankwood Way Landfill | Landfill (inert) | 5,000 | 2017 | 2018 | CDE only | |
| Battyeford Lock | Transfer stations (non-hazardous) | 9 | 2016 | 2036 | CI only | |
| Boulds Bins | Transfer stations (non-hazardous) | 6,440 | 2016 | 2036 | CI and CDE | |
| BRADLEY PARK LANDFILL SITE | Landfill (hazardous) | 169,327 | 2016 | 2028 | Hazardous & CDE | 1972755 |
| Britannia Road Site | Recycling (aggregates, other C and D) | 4,564 | 2016 | 2036 | CDE only | |
| Bromley Farm H W R C | Transfer stations (non-hazardous) | 8,480 | 2016 | 2036 | LACW only | |
| Bromley Farm Quarry | Landfill (inert) | 9,000 | 2016 | 2020 | CDE only | |
| C & J Blackburn | Transfer stations (non-hazardous) | 15,311 | 2016 | 2036 | CI and CDE | |
| Carr Hill Quarry | Transfer stations (inert waste) | 16,980 | 2016 | 2036 | CDE only | |
| Carr Hill Quarry | Land spreading | 98,336 | 2016 | 2036 | CDE only | |
| Cartwright Mill | Recycling (MRFS) | 150 | 2016 | 2036 | CI and CDE | |

| | | Annual | Start | End date (if | Waste | Landfill I Site Void |
|--------------------------------------------------------------------------------------|-------------------------------------------|----------|-------|--------------|-----------------|----------------------|
| Site Name | Facility Type | Capacity | date | known) | Catagories | space (2015) |
| Cheap As Skips | Recycling (MRFS) | 4,856 | 2016 | 2036 | CI and CDE | |
| Clayfield Works | Transfer stations (non- hazardous) | 7,153 | 2016 | 2036 | CI and CDE | |
| Clayton Hall Farm Bioenergy Plant | Treatment facility | 5,009 | 2016 | 2036 | CI only | |
| Colne Valley Skip Hire | Recycling (MRFS) | 5,635 | 2016 | 2036 | CI and CDE | |
| Combs Depot Asbestos Store | Transfer stations (C and D plus asbestos) | 109 | 2016 | 2015 | LACW only | |
| Corporation Yard | Transfer stations (non- hazardous) | 40 | 2016 | 2036 | LACW only | |
| Cross Heights Truckparts | Recycling (Metals) | 300 | 2016 | 2036 | CI and CDE | |
| Dewsbury Transfer Station | Recycling (MRFS) | 77,930 | 2016 | 2036 | CI only | |
| Electrical Waste Recycling Group Limited | Treatment facility | 2,642 | 2016 | 2036 | Hazardous & CI | |
| Emerald Street Household Waste Site & Composting Facility(no composting takes place) | Transfer stations (non-hazardous) | 25,000 | 2013 | 2036 | LACW only | |
| Flint Street Depot Asbestos Store | Transfer stations (C and D plus asbestos) | 109 | 2016 | 2036 | LACW only | |
| Foxhall Environmental Services | Transfer stations (hazardous) | 1,013 | 2016 | 2036 | Hazardous & CDE | |
| Headlands Road Depot | Transfer stations (non- hazardous) | 26,777 | 2016 | 2036 | LACW only | |
| Hollins Hey Landfill | Landfill (inert) | 31,800 | 2018 | 2023 | CDE only | 159000 |
| Huddersfield Auto Salvage | Recycling (Metals) | 21,000 | 2016 | 2036 | Hazardous & CI | |
| J B Schofield & Sons Ltd | Recycling (Metals) | 17,782 | 2016 | 2036 | CI and CDE | |

| | | Annual | Start | End date (if | Waste | Landfill I Site Void |
|-------------------------------------------|--------------------------------------|----------|-------|--------------|----------------|----------------------|
| Site Name | Facility Type | Capacity | date | known) | Catagories | space (2015) |
| J S Bamforth & Co Ltd | Recycling (Metals) | 17,166 | 2016 | 2036 | Hazardous & CI | |
| J T Shingleton & Son | Recycling (MRFS) | 7,552 | 2013 | 2036 | CI and CDE | |
| Kirklees EfW plant | Incineration with Energy Recovery | 132,000 | 2029 | 2036 | LACW only | |
| Kirklees EfW plant | Incineration with Energy Recovery | 132,000 | 2016 | 2028 | LACW only | |
| Land Off Bent Ley Road | Recycling (Metals) | 1,333 | 2016 | 2036 | Hazardous & CI | |
| Laneside Quarry Landfill Site | Landfill (non-hazardous) | 27,847 | 2016 | 2025 | CDE only | 1250000 |
| Leeds Site | Transfer stations (hazardous) | 1,266 | 2016 | 2036 | Hazardous | |
| Meltham Hwrc | Transfer stations (non-hazardous) | 10,452 | 2016 | 2036 | LACW only | |
| Mill Street East Side | Recycling (MRFS) | 2,125 | 2016 | 2036 | CI and CDE | |
| Milnsbridge Resource Recovery Facility | Recycling (MRFS) | 722 | 2016 | 2036 | Hazardous & CI | |
| Mirfield Mini Skips | Transfer stations (inert waste) | 477 | 2016 | 2036 | CI and CDE | |
| Mirfield Motor Spares Ltd | Recycling (Metals) | 190 | 2016 | 2036 | Hazardous & CI | |
| Morley Waste Traders | Recycling (Metals) | 2,686 | 2016 | 2036 | CI only | |
| Morley Waste Traders Ltd | Recycling (Metals) | 6,307 | 2016 | 2036 | CI and CDE | |
| N C G U K Ltd. T D G Nab Lane | Treatment facility | 2,135 | 2016 | 2036 | Hazardous & CI | |
| Nab Lane H W S | Transfer stations (non-hazardous) | 5,001 | 2016 | 2036 | LACW only | |
| Neiley Sludge Treatment Facility | Treatment facility | 7,986 | 2016 | 2036 | CI and CDE | |
| Newlay Concrete Ltd | Treatment facility | 57,508 | 2016 | 2036 | CI and CDE | |
| P P Recycling | Recycling (MRFS) | 1,585 | 2016 | 2036 | CI and CDE | |

| Site Name | Facility Type | Annual Capacity | Start date | End date (if known) | Waste Catagories | Landfill I Site Void space (2015) |
|-------------------------------------------------------------|-----------------------------------|--------------------|---------------|---------------------|---------------------|-----------------------------------|
| | Facility Type | Сараспу | uale | Known) | Catagones | Space (2015) |
| Pennine View Treatment Plant | Treatment facility | 1,260 | 2016 | 2036 | CI only | |
| Rawsons Scrapyard | Recycling (Metals) | 161 | 2016 | 2036 | Hazardous & CI | |
| Readymix Huddersfield Limited | Transfer stations (non-hazardous) | 24,576 | 2016 | 2036 | CI and CDE | |
| Scotland Yard | Transfer stations (non-hazardous) | 23,567 | 2016 | 2036 | CI and CDE | |
| Ss Components Ltd | Recycling (Metals) | 244 | 2016 | 2036 | Hazardous & CI | |
| The Old School House | Recycling (Metals) | 7 | 2016 | 2036 | Hazardous & CI | |
| The old Sewage Works Landfill | Landfill (inert) | 29,333 | 2016 | 2017 | CDE only | 88000 |
| The Reins | Transfer stations (non-hazardous) | 25,320 | 2016 | 2036 | LACW only | |
| Thornhill (Weaving Lane) HWRC | Transfer stations (non-hazardous) | 13,487 | 2016 | 2036 | LACW only | |
| Thornhill Integrated Waste Management Facility | Transfer stations (non-hazardous) | 138,405 | 2016 | 2036 | LACW only | |
| Thornhill Quarry Landfill Site | Landfill (hazardous) | 55,759 | 2016 | 2019 | Hazardous & CDE | 252738 |
| Truckline Services Ltd | Recycling (Metals) | 3,884 | 2016 | 2036 | Hazardous & CI | |
| Unit 7 and 8 Norquest Industrial Estate (Spivy & Son) | Treatment facility | 83 | 2016 | 2036 | CI only | |
| Upper Station Road | Recycling (MRFS) | 1,204 | 2016 | 2036 | Hazardous & CI | |
| Vine Street Mrf | Recycling (LACW) | 32,497 | 2016 | 2036 | LACW only | |
| Wellfield Quarry Landfill | Landfill (inert) | 156,777 | 2016 | 2036 | CDE only | 455729 |
| West Yorkshire Treatment Centre | Treatment facility | 20,009 | 2016 | 2036 | Hazardous & CI | |
| Wilkinson Brothers | Transfer stations (non- | 521 | 2016 | 2036 | CI only | |

| Site Name | Facility Type | Annual | Start | End date (if | Waste Catagories | Landfill I Site Void space (2015) |
|-------------|---------------|----------|-------|--------------|---------------------|--------------------------------------|
| Site Marrie | racility Type | Capacity | date | known) | Catagones | space (2013) |
| | hazardous) | | | | | |

Appendix 2
Appendix 2 shows year on year capacity by waste type and facility type.

| Transfer stations (C and D plus asbestos) 109 109 109 109 109 109 109 109 109 109 | 252,962 252,962 109 109 132,000 132,000 32,497 32,491 1,013 1,013 0 0 530 530 77,930 77,930 3,246 3,244 6,352 6,352 77,047 77,047 21,903 21,903 |
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| LACW only and D plus asbestos) 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 109 1 | 132,000 132,000 32,497 32,497 1,013 1,013 0 (530 530 77,930 77,930 3,246 3,246 6,352 6,352 77,047 77,047 21,903 21,903 |
| Incineration with LACW only Energy Recovery 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132, | 132,000 132,000 32,497 32,497 1,013 1,013 0 (530 530 77,930 77,930 3,246 3,246 6,352 6,352 77,047 77,047 21,903 21,903 |
| LACW only Energy Recovery 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,000 132,00 | 32,497 32,499 1,013 1,013 0 0 530 530 77,930 77,930 3,246 3,240 6,352 6,352 77,047 77,047 21,903 21,903 |
| LACW only Recycling (LACW) 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32,497 32, | 32,497 32,499 1,013 1,013 0 0 530 530 77,930 77,930 3,246 3,240 6,352 6,352 77,047 77,047 21,903 21,903 |
| Hazardous & Transfer stations (DE (hazardous)) 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1 | 1,013 1,013 0 0 530 530 77,930 77,930 3,246 3,246 6,352 6,352 77,047 77,047 21,903 21,903 |
| CDE (hazardous) 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1,013 1, | 0 (530 530 77,930 77,930 3,246 3,246 6,352 6,352 77,047 77,047 21,903 21,903 |
| Hazardous & Landfill (hazardous) | 0 (530 530 77,930 77,930 3,246 3,246 6,352 6,352 77,047 77,047 21,903 21,903 |
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| Transfer stations (non-hazardous) 530 530 530 530 530 530 530 530 530 530 | 530 530 77,930 77,930 3,246 3,244 6,352 6,352 77,047 77,04 21,903 21,903 |
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| Transfer stations | , |
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| CI Recycling (MRFS) 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,012 3,01 | 3,012 3,012 |
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| CI Recycling (Metals) 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 67,368 6 | 67,368 67,368 |
| Hazardous & | , , |
| C1 Treatment facility 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 24,786 2 | 24,786 24,786 |
| Transfer stations | |
| Hazardous (hazardous) 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1,266 1, | , |

Appendix 3

This appendix presents capacity requirements by facility type throughout the plan period. Results are shown under each growth option and for each Recycling scenario. Positive numbers indicate a capacity requirement and negative numbers a capacity surplus.

No Growth

| No Growth/ Baseline recy | /cling | | | | | | | | | | | | | | | | | | | | |
|---------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|
| Facility type | Gap2016 | Gap2017 | Gap2018 | Gap2019 | Gap2020 | Gap2021 | Gap2022 | Gap2023 | Gap2024 | Gap2025 | Gap2026 | Gap2027 | Gap2028 | Gap2029 | Gap2030 | Gap2031 | Gap2032 | Gap2033 | Gap2034 | Gap2035 | Gap2036 |
| Landfill (C+I and LACW) | 89,345 | 89,345 | 89,345 | 89,345 | 89,345 | 89,345 | 89,345 | 89,345 | 89,345 | 89,345 | 117,192 | 117,192 | 117,192 | 117,192 | 117,192 | 117,192 | 117,192 | 117,192 | 117,192 | 117,192 | 117,192 |
| Landfill (Hazardous) | -218,700 | -218,700 | -218,700 | -218,700 | -162,941 | -162,941 | -162,941 | -162,941 | -162,941 | -162,941 | -162,941 | -162,941 | -162,941 | 6,386 | 6,386 | 6,386 | 6,386 | 6,386 | 6,386 | 6,386 | 6,386 |
| Landfill (CD&E) | -57,660 | -62,660 | -65,127 | -60,127 | -60,127 | -51,127 | -51,127 | -51,127 | -19,327 | -19,327 | -19,327 | -19,327 | -19,327 | -19,327 | -19,327 | -19,327 | -19,327 | -19,327 | -19,327 | -19,327 | -19,327 |
| Energy from waste | -24,485 | -24,485 | -24,485 | -24,485 | -24,485 | -24,485 | -24,485 | -24,485 | -24,485 | -24,485 | -24,485 | -24,485 | -24,485 | -24,485 | -24,485 | -24,485 | -24,485 | -24,485 | -24,485 | -24,485 | -24,485 |
| Thermal Treatment | | | | | | | | | | | | | | | | | | | | | |
| (without energy recovery) | 4,885 | 4,885 | 4,885 | 4,885 | 4,885 | 4,885 | 4,885 | 4,885 | 4,885 | 4,885 | 4,885 | 4,885 | 4,885 | 4,885 | 4,885 | 4,885 | 4,885 | 4,885 | 4,885 | 4,885 | 4,885 |
| Recycling (C+I, Agri) | 88,678 | 88,678 | 88,678 | 88,678 | 88,678 | 88,678 | 88,678 | 88,678 | 88,678 | 88,678 | 88,678 | 88,678 | 88,678 | 88,678 | 88,678 | 88,678 | 88,678 | 88,678 | 88,678 | 88,678 | 88,678 |
| Recycling (C+D) | 71,531 | 71,531 | 71,531 | 71,531 | 71,531 | 71,531 | 71,531 | 71,531 | 71,531 | 71,531 | 71,531 | 71,531 | 71,531 | 71,531 | 71,531 | 71,531 | 71,531 | 71,531 | 71,531 | 71,531 | 71,531 |
| Recycling (Metals) | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 |
| Recycling (Hazardous) | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 |
| Recycling (LACW) | 37,936 | 37,936 | 37,936 | 37,936 | 37,936 | 37,936 | 37,936 | 37,936 | 37,936 | 37,936 | 37,936 | 37,936 | 37,936 | 37,936 | 37,936 | 37,936 | 37,936 | 37,936 | 37,936 | 37,936 | 37,936 |
| Composting | 15,406 | 15,406 | 15,406 | 15,406 | 15,406 | 15,406 | 15,406 | 15,406 | 15,406 | 15,406 | 15,406 | 15,406 | 15,406 | 15,406 | 15,406 | 15,406 | 15,406 | 15,406 | 15,406 | 15,406 | 15,406 |
| Treatment plant | -84,612 | -84,612 | -84,612 | -84,612 | -84,612 | -84,612 | -84,612 | -84,612 | -84,612 | -84,612 | -84,612 | -84,612 | -84,612 | -84,612 | -84,612 | -84,612 | -84,612 | -84,612 | -84,612 | -84,612 | -84,612 |
| Other Treatment | 27,438 | 27,438 | 27,438 | 27,438 | 27,438 | 27,438 | 27,438 | 27,438 | 27,438 | 27,438 | 27,438 | 27,438 | 27,438 | 27,438 | 27,438 | 27,438 | 27,438 | 27,438 | 27,438 | 27,438 | 27,438 |
| Land recovery | -58,321 | -58,321 | -58,321 | -58,321 | -58,321 | -58,321 | -58,321 | -58,321 | -58,321 | -58,321 | -58,321 | -58,321 | -58,321 | -58,321 | -58,321 | -58,321 | -58,321 | -58,321 | -58,321 | -58,321 | -58,321 |

| No Growth/ Max Recyclin | g | | | | | | | | | | | | | | | | | | | | |
|---------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|
| Facility Type | Gap2016 | Gap2017 | Gap2018 | Gap2019 | Gap2020 | Gap2021 | Gap2022 | Gap2023 | Gap2024 | Gap2025 | Gap2026 | Gap2027 | Gap2028 | Gap2029 | Gap2030 | Gap2031 | Gap2032 | Gap2033 | Gap2034 | Gap2035 | Gap2036 |
| Landfill (C+I and LACW) | 67,617 | 60,389 | 53,159 | 45,915 | 38,669 | 37,020 | 35,370 | 33,722 | 32,090 | 30,423 | 56,639 | 54,972 | 53,340 | 51,692 | 50,043 | 48,393 | 48,393 | 48,393 | 48,393 | 48,393 | 48,393 |
| Landfill (Hazardous) | -218,700 | -218,700 | -218,700 | -218,700 | -162,941 | -162,941 | -162,941 | -162,941 | -162,941 | -162,941 | -162,941 | -162,941 | -162,941 | 6,386 | 6,386 | 6,386 | 6,386 | 6,386 | 6,386 | 6,386 | 6,386 |
| Landfill (CD&E) | -72,239 | -82,791 | -90,837 | -91,417 | -96,997 | -88,969 | -89,963 | -90,935 | -60,128 | -61,100 | -62,094 | -63,066 | -64,059 | -65,031 | -66,025 | -66,997 | -66,997 | -66,997 | -66,997 | -66,997 | -66,997 |
| Energy from waste | -33,460 | -36,424 | -39,423 | -42,403 | -45,401 | -45,401 | -45,401 | -45,401 | -45,401 | -45,401 | -45,401 | -45,401 | -45,401 | -45,401 | -45,401 | -45,401 | -45,401 | -45,401 | -45,401 | -45,401 | -45,401 |
| Thermal Treatment | | | | | | | | | | | | | | | | | | | | | |
| (without energy recovery) | 4,108 | 3,855 | 3,601 | 3,330 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 |
| | -37,568 | -40,279 | -43,024 | -45,733 | -48,478 | -48,478 | -48,478 | -48,478 | -48,478 | -48,478 | -48,478 | -48,478 | -48,478 | -48,478 | -48,478 | -48,478 | -48,478 | -48,478 | -48,478 | -48,478 | -48,478 |
| Recycling (C+I, Agri) | 104,236 | 109,386 | 114,573 | 119,758 | 124,945 | 126,577 | 128,244 | 129,877 | 131,545 | 133,177 | 134,845 | 136,477 | 138,146 | 139,778 | 141,445 | 143,078 | 143,078 | 143,078 | 143,078 | 143,078 | 143,078 |
| Recycling (C+D) | 90,383 | 95,944 | 101,499 | 107,082 | 112,636 | 113,954 | 115,303 | 116,621 | 117,968 | 119,287 | 120,635 | 121,954 | 123,301 | 124,619 | 125,968 | 127,286 | 127,286 | 127,286 | 127,286 | 127,286 | 127,286 |
| Recycling (Metals) | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 |
| Recycling (Hazardous) | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 |
| Recycling (LACW) | 54,155 | 59,564 | 64,973 | 70,381 | 75,790 | 75,790 | 75,790 | 75,790 | 75,790 | 75,790 | 75,790 | 75,790 | 75,790 | 75,790 | 75,790 | 75,790 | 75,790 | 75,790 | 75,790 | 75,790 | 75,790 |
| Composting | 15,098 | 15,002 | 14,905 | 14,793 | 14,696 | 14,533 | 14,369 | 14,205 | 14,042 | 13,878 | 13,696 | 13,533 | 13,369 | 13,205 | 13,042 | 12,878 | 12,878 | 12,878 | 12,878 | 12,878 | 12,878 |
| Treatment plant | -84,615 | -84,617 | -84,619 | -84,620 | -84,621 | -84,459 | -84,296 | -84,133 | -83,970 | -83,808 | -83,627 | -83,464 | -83,301 | -83,139 | -82,976 | -82,813 | -82,813 | -82,813 | -82,813 | -82,813 | -82,813 |
| Other Treatment | 26,852 | 25,949 | 25,038 | 24,113 | 23,203 | 22,857 | 22,502 | 22,156 | 21,802 | 21,455 | 21,101 | 20,754 | 20,400 | 20,054 | 19,699 | 19,353 | 19,353 | 19,353 | 19,353 | 19,353 | 19,353 |
| Land recovery | -62,015 | -61,107 | -60,179 | -59,250 | -58,321 | -58,321 | -58,321 | -58,321 | -58,321 | -58,321 | -58,321 | -58,321 | -58,321 | -58,321 | -58,321 | -58,321 | -58,321 | -58,321 | -58,321 | -58,321 | -58,321 |

| No Growth /Median Recy | cling | | | | | | | | | | | | | | | | | | | | |
|---------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|
| Facilty Type | Gap2016 | Gap2017 | Gap2018 | Gap2019 | Gap2020 | Gap2021 | Gap2022 | Gap2023 | Gap2024 | Gap2025 | Gap2026 | Gap2027 | Gap2028 | Gap2029 | Gap2030 | Gap2031 | Gap2032 | Gap2033 | Gap2034 | Gap2035 | Gap2036 |
| Landfill (C+I and LACW) | 71,526 | 65,572 | 59,651 | 53,698 | 47,761 | 45,625 | 43,470 | 41,334 | 39,197 | 37,061 | 62,772 | 60,635 | 58,499 | 56,362 | 54,208 | 52,071 | 52,071 | 52,071 | 52,071 | 52,071 | 52,071 |
| Landfill (Hazardous) | -218,700 | -218,700 | -218,700 | -218,700 | -162,941 | -162,941 | -162,941 | -162,941 | -162,941 | -162,941 | -162,941 | -162,941 | -162,941 | 6,386 | 6,386 | 6,386 | 6,386 | 6,386 | 6,386 | 6,386 | 6,386 |
| Landfill (CD&E) | -79,627 | -92,683 | -103,193 | -106,235 | -114,277 | -105,471 | -105,666 | -105,860 | -74,255 | -74,449 | -74,665 | -74,859 | -75,054 | -75,248 | -75,443 | -75,637 | -75,637 | -75,637 | -75,637 | -75,637 | -75,637 |
| Energy from waste | -23,444 | -23,110 | -22,757 | -22,423 | -22,070 | -21,256 | -20,425 | -19,611 | -18,779 | -17,965 | -17,134 | -16,320 | -15,488 | -14,674 | -13,843 | -13,029 | -13,029 | -13,029 | -13,029 | -13,029 | -13,029 |
| Thermal Treatment | | | | | | | | | | | | | | | | | | | | | |
| (without energy recovery) | 4,108 | 3,855 | 3,601 | 3,330 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 |
| Recycling (C+I, Agri) | 96,440 | 99,050 | 101,625 | 104,236 | 106,811 | 108,444 | 110,111 | 111,743 | 113,412 | 115,044 | 116,712 | 118,344 | 120,012 | 121,645 | 123,312 | 124,945 | 124,945 | 124,945 | 124,945 | 124,945 | 124,945 |
| Recycling (C+D) | 79,468 | 81,409 | 83,327 | 85,267 | 87,186 | 88,504 | 89,853 | 91,171 | 92,518 | 93,837 | 95,185 | 96,504 | 97,851 | 99,169 | 100,518 | 101,836 | 101,836 | 101,836 | 101,836 | 101,836 | 101,836 |
| Recycling (Metals) | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 | -38,227 |
| Recycling (Hazardous) | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 |
| Recycling (LACW) | 47,265 | 50,372 | 53,479 | 56,586 | 59,693 | 59,693 | 59,693 | 59,693 | 59,693 | 59,693 | 59,693 | 59,693 | 59,693 | 59,693 | 59,693 | 59,693 | 59,693 | 59,693 | 59,693 | 59,693 | 59,693 |
| Composting | 15,098 | 15,002 | 14,905 | 14,793 | 14,696 | 14,533 | 14,369 | 14,205 | 14,042 | 13,878 | 13,696 | 13,533 | 13,369 | 13,205 | 13,042 | 12,878 | 12,878 | 12,878 | 12,878 | 12,878 | 12,878 |
| Treatment plant | -83,838 | -83,586 | -83,317 | -83,083 | -82,813 | -82,813 | -82,813 | -82,813 | -82,813 | -82,813 | -82,813 | -82,813 | -82,813 | -82,813 | -82,813 | -82,813 | -82,813 | -82,813 | -82,813 | -82,813 | -82,813 |
| Other Treatment | 45,182 | 50,349 | 55,543 | 60,738 | 65,933 | 64,809 | 63,655 | 62,532 | 61,400 | 60,254 | 59,122 | 57,976 | 56,844 | 55,721 | 54,567 | 53,443 | 53,443 | 53,443 | 53,443 | 53,443 | 53,443 |
| Land recovery | -62,015 | -61,107 | -60,179 | -59,250 | -58,321 | -58,484 | -58,648 | -58,812 | -58,975 | -59,139 | -59,321 | -59,485 | -59,648 | -59,812 | -59,975 | -60,139 | -60,139 | -60,139 | -60,139 | -60,139 | -60,139 |

| Growth Option 1/Ba | seline | | | | | | | | | | | | | | | | | | | | |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|
| Facility Type | Gap2016 | Gap2017 | Gap2018 | Gap2019 | Gap2020 | Gap2021 | Gap2022 | Gap2023 | Gap2024 | Gap2025 | Gap2026 | Gap2027 | Gap2028 | Gap2029 | Gap2030 | Gap2031 | Gap2032 | Gap2033 | Gap2034 | Gap2035 | Gap2036 |
| Landfill (C+I and | 99,129 | 101,266 | 103,489 | 105,156 | 106,466 | 107,672 | 108,811 | 109,892 | 110,949 | 112,036 | 140,861 | 141,862 | 142,888 | 143,925 | 145,005 | 146,805 | 148,637 | 150,501 | 152,397 | 154,326 | 156,291 |
| Landfill (Hazardous) | -217,950 | -217,786 | -217,611 | -217,505 | -161,691 | -161,651 | -161,618 | -161,595 | -161,574 | -161,550 | -161,561 | -161,571 | -161,578 | 7,741 | 7,733 | 7,764 | 7,795 | 7,825 | 7,857 | 7,889 | 7,921 |
| Landfill (CD&E) | -40,938 | -42,343 | -40,984 | -33,779 | -32,769 | -23,119 | -22,657 | -22,404 | 9,574 | 9,825 | 9,247 | 8,683 | 8,190 | 7,670 | 7,141 | 7,500 | 7,860 | 8,221 | 8,584 | 8,946 | 9,311 |
| Energy from waste | -16,985 | -14,755 | -12,478 | -10,162 | -7,802 | -5,395 | -2,943 | -442 | 2,109 | 4,709 | 7,364 | 10,073 | 12,834 | 15,650 | 18,524 | 21,471 | 24,476 | 27,540 | 30,665 | 33,853 | 37,105 |
| Thermal Treatment | | | | | | | | | | | | | | | | | | | | | 1 |
| (without energy | 5,361 | 5,462 | 5,567 | 5,636 | 5,678 | 5,714 | 5,744 | 5,770 | 5,794 | 5,820 | 5,832 | 5,844 | 5,859 | 5,872 | 5,888 | 5,936 | 5,985 | 6,035 | 6,085 | 6,136 | 6,188 |
| Recycling (C+I, Agri) | 104,140 | 107,339 | 110,664 | 113,080 | 114,928 | 116,604 | 118,153 | 119,599 | 120,995 | 122,423 | 123,745 | 125,095 | 126,471 | 127,854 | 129,312 | 132,118 | 134,971 | 137,874 | 140,825 | 143,827 | 146,881 |
| Recycling (C+D) | 80,789 | 82,779 | 84,897 | 86,117 | 86,677 | 87,036 | 87,293 | 87,433 | 87,531 | 87,670 | 87,350 | 87,038 | 86,765 | 86,477 | 86,184 | 86,383 | 86,583 | 86,782 | 86,983 | 87,183 | 87,385 |
| Recycling (Metals) | -31,431 | -29,957 | -28,390 | -27,465 | -27,013 | -26,704 | -26,467 | -26,314 | -26,189 | -26,033 | -26,205 | -26,371 | -26,508 | -26,653 | -26,802 | -26,597 | -26,390 | -26,180 | -25,971 | -25,759 | -25,544 |
| Recycling | 19,860 | 20,323 | 20,816 | 21,100 | 21,230 | 21,314 | 21,374 | 21,406 | 21,429 | 21,461 | 21,387 | 21,314 | 21,251 | 21,184 | 21,115 | 21,162 | 21,208 | 21,255 | 21,301 | 21,348 | 21,395 |
| Recycling (LACW) | 42,167 | 43,445 | 44,747 | 46,074 | 47,426 | 48,805 | 50,208 | 51,639 | 53,096 | 54,581 | 56,095 | 57,636 | 59,208 | 60,810 | 62,442 | 64,104 | 65,798 | 67,526 | 69,287 | 71,081 | 72,909 |
| Composting | 16,601 | 16,939 | 17,287 | 17,619 | 17,941 | 18,266 | 18,593 | 18,924 | 19,262 | 19,606 | 19,946 | 20,294 | 20,649 | 21,012 | 21,382 | 21,770 | 22,167 | 22,572 | 22,985 | 23,405 | 23,834 |
| Treatment plant | -83,511 | -83,278 | -83,033 | -82,877 | -82,782 | -82,706 | -82,641 | -82,588 | -82,538 | -82,484 | -82,466 | -82,445 | -82,422 | -82,397 | -82,372 | -82,273 | -82,172 | -82,068 | -81,965 | -81,859 | -81,751 |
| Other Treatment | 32,900 | 34,074 | 35,323 | 36,044 | 36,374 | 36,586 | 36,737 | 36,819 | 36,878 | 36,960 | 36,771 | 36,587 | 36,425 | 36,256 | 36,083 | 36,201 | 36,318 | 36,436 | 36,555 | 36,673 | 36,792 |
| Land recovery | -53,452 | -52,406 | -51,292 | -50,650 | -50,356 | -50,167 | -50,032 | -49,959 | -49,907 | -49,834 | -50,003 | -50,166 | -50,310 | -50,461 | -50,615 | -50,511 | -50,406 | -50,300 | -50,195 | -50,090 | -49,984 |

| Growth Option 1/ Ma | x recyclir | ng | | | | | | | | | | | | | | | | | | | |
|-----------------------|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|
| Facility Type | Gap2016 | Gap2017 | Gap2018 | Gap2019 | Gap2020 | Gap2021 | Gap2022 | Gap2023 | Gap2024 | Gap2025 | Gap2026 | Gap2027 | Gap2028 | Gap2029 | Gap2030 | Gap2031 | Gap2032 | Gap2033 | Gap2034 | Gap2035 | Gap2036 |
| Landfill (C+I and | 75,672 | 69,503 | 63,143 | 56,124 | 48,666 | 47,427 | 46,118 | 44,750 | 43,363 | 41,927 | 68,274 | 66,719 | 65,202 | 63,641 | 62,076 | 60,765 | 61,467 | 62,183 | 62,909 | 63,649 | 64,401 |
| Landfill (Hazardous) | -217,950 | -217,786 | -217,611 | -217,505 | -161,691 | -161,651 | -161,618 | -161,595 | -161,574 | -161,550 | -161,561 | -161,571 | -161,578 | 7,741 | 7,733 | 7,764 | 7,795 | 7,825 | 7,857 | 7,889 | 7,921 |
| Landfill (CD&E) | -57,291 | -65,449 | -71,210 | -71,067 | -76,977 | -68,672 | -69,536 | -70,530 | -39,807 | -40,808 | -42,410 | -43,969 | -45,497 | -47,011 | -48,550 | -49,474 | -49,239 | -49,003 | -48,766 | -48,529 | -48,292 |
| Energy from waste | -26,663 | -27,939 | -29,368 | -30,912 | -32,603 | -30,789 | -28,946 | -27,067 | -25,153 | -23,206 | -21,193 | -19,139 | -17,051 | -14,921 | -12,744 | -10,443 | -8,098 | -5,706 | -3,268 | -781 | 1,756 |
| Thermal Treatment | | | | | | | | | | | | | | | | | | | | | |
| (without energy | 4,540 | 4,362 | 4,182 | 3,943 | 3,689 | 3,704 | 3,714 | 3,720 | 3,724 | 3,730 | 3,717 | 3,704 | 3,693 | 3,681 | 3,670 | 3,678 | 3,686 | 3,694 | 3,702 | 3,710 | 3,718 |
| Recycling (C+I, Agri) | 121,084 | 130,277 | 139,850 | 148,527 | 156,625 | 160,481 | 164,247 | 167,862 | 171,477 | 175,113 | 178,630 | 182,157 | 185,778 | 189,380 | 193,135 | 198,589 | 202,128 | 205,728 | 209,388 | 213,111 | 216,897 |
| Recycling (C+D) | 101,934 | 110,800 | 120,128 | 128,483 | 135,963 | 138,105 | 140,131 | 141,945 | 143,733 | 145,555 | 146,662 | 147,735 | 148,899 | 149,993 | 151,103 | 153,020 | 153,366 | 153,712 | 154,059 | 154,407 | 154,756 |
| Recycling (Metals) | -31,431 | -29,957 | -28,390 | -27,465 | -27,013 | -26,704 | -26,467 | -26,314 | -26,189 | -26,033 | -26,205 | -26,371 | -26,508 | -26,653 | -26,802 | -26,597 | -26,390 | -26,180 | -25,971 | -25,759 | -25,544 |
| Recycling | 19,860 | 20,323 | 20,816 | 21,100 | 21,230 | 21,314 | 21,374 | 21,406 | 21,429 | 21,461 | 21,387 | 21,314 | 21,251 | 21,184 | 21,115 | 21,162 | 21,208 | 21,255 | 21,301 | 21,348 | 21,395 |
| Recycling (LACW) | 59,547 | 67,085 | 74,890 | 82,971 | 91,335 | 93,591 | 95,890 | 98,235 | 100,625 | 103,059 | 105,543 | 108,073 | 110,654 | 113,285 | 115,966 | 118,699 | 121,485 | 124,326 | 127,223 | 130,176 | 133,186 |
| Composting | 16,271 | 16,497 | 16,729 | 16,922 | 17,118 | 17,228 | 17,341 | 17,457 | 17,577 | 17,704 | 17,810 | 17,947 | 18,091 | 18,244 | 18,404 | 18,573 | 18,945 | 19,324 | 19,710 | 20,104 | 20,506 |
| Treatment plant | -83,567 | -83,367 | -83,167 | -83,047 | -82,973 | -82,705 | -82,441 | -82,182 | -81,923 | -81,657 | -81,384 | -81,124 | -80,857 | -80,585 | -80,305 | -79,930 | -79,752 | -79,570 | -79,386 | -79,198 | -79,007 |
| Other Treatment | 32,243 | 32,365 | 32,503 | 32,082 | 31,296 | 31,071 | 30,779 | 30,433 | 30,056 | 29,708 | 29,116 | 28,541 | 27,979 | 27,421 | 26,854 | 26,538 | 26,634 | 26,731 | 26,828 | 26,924 | 27,022 |
| Land recovery | -57,595 | -55,604 | -53,475 | -51,757 | -50,356 | -50,167 | -50,032 | -49,959 | -49,907 | -49,834 | -50,003 | -50,166 | -50,310 | -50,461 | -50,615 | -50,511 | -50,406 | -50,300 | -50,195 | -50,090 | -49,984 |

| Growth Option 1/ Me | dian Rec | ycling | | | | | | | | | | | | | | | | | | | |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|----------|
| Facilty Type | Gap2016 | Gap2017 | Gap2018 | Gap2019 | Gap2020 | Gap2021 | Gap2022 | Gap2023 | Gap2024 | Gap2025 | Gap2026 | Gap2027 | Gap2028 | Gap2029 | Gap2030 | Gap2031 | Gap2032 | Gap2033 | Gap2034 | Gap2035 | Gap2036 |
| Landfill (C+I and | 80,058 | 75,452 | 70,775 | 65,399 | 59,568 | 57,846 | 56,008 | 54,100 | 52,137 | 50,158 | 75,831 | 73,629 | 71,405 | 69,138 | 66,819 | 64,773 | 65,339 | 65,917 | 66,502 | 67,098 | 67,703 |
| Landfill (Hazardous) | -217,950 | -217,786 | -217,611 | -217,505 | -161,691 | -161,651 | -161,618 | -161,595 | -161,574 | -161,550 | -161,561 | -161,571 | -161,578 | 7,741 | 7,733 | 7,764 | 7,795 | 7,825 | 7,857 | 7,889 | 7,921 |
| Landfill (CD&E) | -65,577 | -76,805 | -85,736 | -88,725 | -97,696 | -88,537 | -88,492 | -88,575 | -56,903 | -56,988 | -57,595 | -58,166 | -58,693 | -59,235 | -59,781 | -59,800 | -59,588 | -59,375 | -59,160 | -58,946 | -58,732 |
| Energy from waste | -15,978 | -13,492 | -10,977 | -8,489 | -5,974 | -2,800 | 448 | 3,737 | 7,106 | 10,515 | 14,070 | 17,677 | 21,372 | 25,120 | 28,980 | 33,095 | 36,274 | 39,514 | 42,818 | 46,187 | 49,623 |
| Thermal Treatment | | | | | | | | | | | | | | | | | | | | | [|
| (without energy | 4,540 | 4,362 | 4,182 | 3,943 | 3,689 | 3,704 | 3,714 | 3,720 | 3,724 | 3,730 | 3,717 | 3,704 | 3,693 | 3,681 | 3,670 | 3,678 | 3,686 | 3,694 | 3,702 | 3,710 | 3,718 |
| Recycling (C+I, Agri) | 112,592 | 118,827 | 125,257 | 130,824 | 135,777 | 139,488 | 143,123 | 146,620 | 150,123 | 153,642 | 157,073 | 160,510 | 164,037 | 167,547 | 171,202 | 176,432 | 179,743 | 183,110 | 186,534 | 190,016 | 193,559 |
| Recycling (C+D) | 89,691 | 94,117 | 98,765 | 102,487 | 105,448 | 107,469 | 109,409 | 111,177 | 112,932 | 114,707 | 115,921 | 117,099 | 118,354 | 119,544 | 120,752 | 122,602 | 122,882 | 123,161 | 123,441 | 123,723 | 124,004 |
| Recycling (Metals) | -31,431 | -29,957 | -28,390 | -27,465 | -27,013 | -26,704 | -26,467 | -26,314 | -26,189 | -26,033 | -26,205 | -26,371 | -26,508 | -26,653 | -26,802 | -26,597 | -26,390 | -26,180 | -25,971 | -25,759 | -25,544 |
| Recycling | 19,860 | 20,323 | 20,816 | 21,100 | 21,230 | 21,314 | 21,374 | 21,406 | 21,429 | 21,461 | 21,387 | 21,314 | 21,251 | 21,184 | 21,115 | 21,162 | 21,208 | 21,255 | 21,301 | 21,348 | 21,395 |
| Recycling (LACW) | 52,164 | 57,038 | 62,076 | 67,283 | 72,663 | 74,546 | 76,464 | 78,420 | 80,413 | 82,444 | 84,515 | 86,625 | 88,777 | 90,970 | 93,205 | 95,483 | 97,805 | 100,172 | 102,586 | 105,046 | 107,553 |
| Composting | 16,271 | 16,497 | 16,729 | 16,922 | 17,118 | 17,228 | 17,341 | 17,457 | 17,577 | 17,704 | 17,810 | 17,947 | 18,091 | 18,244 | 18,404 | 18,573 | 18,945 | 19,324 | 19,710 | 20,104 | 20,506 |
| Treatment plant | -82,746 | -82,267 | -81,763 | -81,374 | -80,984 | -80,876 | -80,777 | -80,686 | -80,599 | -80,508 | -80,432 | -80,353 | -80,273 | -80,191 | -80,106 | -79,930 | -79,752 | -79,570 | -79,386 | -79,198 | -79,007 |
| Other Treatment | 52,804 | 60,370 | 68,365 | 75,727 | 82,531 | 81,572 | 80,456 | 79,247 | 77,981 | 76,735 | 75,042 | 73,349 | 71,719 | 70,093 | 68,436 | 67,281 | 67,467 | 67,653 | 67,840 | 68,027 | 68,214 |
| Land recovery | -57,595 | -55,604 | -53,475 | -51,757 | -50,356 | -50,364 | -50,427 | -50,552 | -50,699 | -50,826 | -51,211 | -51,567 | -51,903 | -52,245 | -52,589 | -52,684 | -52,584 | -52,483 | -52,383 | -52,282 | -52,181 |

| Growth Option 2/ Base | eline recy | cling | | | | | | | | | | | | | | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Facility Type | Gap2016 | Gap2017 | Gap2018 | Gap2019 | Gap2020 | Gap2021 | Gap2022 | Gap2023 | Gap2024 | Gap2025 | Gap2026 | Gap2027 | Gap2028 | Gap2029 | Gap2030 | Gap2031 | Gap2032 | Gap2033 | Gap2034 | Gap2035 | Gap2036 |
| Landfill (C+I and | | | | | | | | | | | | | | | | | | | | | |
| LACW) | 98,043 | 99,812 | 101,662 | 102,962 | 103,903 | 104,744 | 105,518 | 106,232 | 106,931 | 107,660 | 136,127 | 136,780 | 137,466 | 138,161 | 138,903 | 139,642 | 140,399 | 141,171 | 141,962 | 142,770 | 143,597 |
| Landfill (Hazardous) | -218,015 | -217,873 | -217,722 | -217,639 | -161,846 | -161,829 | -161,817 | -161,815 | -161,814 | -161,811 | -161,841 | -161,870 | -161,894 | 7,409 | 7,384 | 7,358 | 7,332 | 7,307 | 7,282 | 7,258 | 7,234 |
| Landfill (CD&E) | -42,482 | -44,423 | -43,616 | -36,950 | -36,466 | -27,331 | -27,376 | -27,628 | 3,860 | 3,629 | 2,597 | 1,600 | 690 | -239 | -1,166 | -2,150 | -3,126 | -4,097 | -5,062 | -6,020 | -6,972 |
| Energy from waste | -16,893 | -14,629 | -12,316 | -9,963 | -7,564 | -5,116 | -2,621 | -76 | 2,520 | 5,170 | 7,874 | 10,636 | 13,451 | 16,324 | 19,256 | 22,249 | 25,302 | 28,415 | 31,593 | 34,834 | 38,142 |
| Thermal Treatment | | | | | | | | | | | | | | | | | | | | | |
| (without energy | | | | | | | | | | | | | | | | | | | | | |
| recovery) | 5,308 | 5,389 | 5,477 | 5,527 | 5,552 | 5,569 | 5,581 | 5,589 | 5,595 | 5,603 | 5,598 | 5,594 | 5,592 | 5,590 | 5,589 | 5,587 | 5,586 | 5,584 | 5,583 | 5,582 | 5,582 |
| Recycling (C+I, Agri) | 102,081 | 104,584 | 107,206 | 108,925 | 110,070 | 111,050 | 111,902 | 112,647 | 113,349 | 114,092 | 114,719 | 115,392 | 116,101 | 116,818 | 117,611 | 118,389 | 119,184 | 119,995 | 120,821 | 121,663 | 122,521 |
| Recycling (C+D) | 79,935 | 81,627 | 83,440 | 84,362 | 84,630 | 84,705 | 84,680 | 84,541 | 84,368 | 84,240 | 83,669 | 83,117 | 82,612 | 82,098 | 81,585 | 81,041 | 80,500 | 79,963 | 79,428 | 78,898 | 78,370 |
| Recycling (Metals) | -32,041 | -30,779 | -29,430 | -28,718 | -28,474 | -28,369 | -28,333 | -28,377 | -28,446 | -28,480 | -28,832 | -29,168 | -29,469 | -29,775 | -30,080 | -30,407 | -30,728 | -31,047 | -31,361 | -31,672 | -31,979 |
| | | | | | | | | | | | | | | | | | | | | | |
| Recycling (Hazardous) | 19,661 | 20,055 | 20,477 | 20,692 | 20,754 | 20,771 | 20,765 | 20,733 | 20,693 | 20,663 | 20,530 | 20,402 | 20,284 | 20,165 | 20,045 | 19,919 | 19,793 | 19,668 | 19,544 | 19,420 | 19,297 |
| Recycling (LACW) | 42,245 | 43,551 | 44,881 | 46,238 | 47,621 | 49,030 | 50,467 | 51,932 | 53,424 | 54,944 | 56,495 | 58,076 | 59,688 | 61,330 | 63,003 | 64,712 | 66,451 | 68,224 | 70,032 | 71,875 | 73,754 |
| Composting | 16,595 | 16,933 | 17,279 | 17,609 | 17,931 | 18,254 | 18,582 | 18,913 | 19,251 | 19,596 | 19,938 | 20,288 | 20,646 | 21,012 | 21,386 | 21,766 | 22,154 | 22,551 | 22,956 | 23,369 | 23,792 |
| Treatment plant | -83,632 | -83,440 | -83,238 | -83,123 | -83,070 | -83,035 | -83,010 | -82,997 | -82,986 | -82,972 | -82,991 | -83,008 | -83,020 | -83,033 | -83,042 | -83,055 | -83,068 | -83,079 | -83,090 | -83,100 | -83,108 |
| Other Treatment | 32,396 | 33,395 | 34,464 | 35,008 | 35,166 | 35,210 | 35,195 | 35,113 | 35,011 | 34,936 | 34,599 | 34,273 | 33,976 | 33,673 | 33,369 | 33,049 | 32,730 | 32,412 | 32,097 | 31,784 | 31,473 |
| Land recovery | -53.901 | -53,012 | -52,059 | -51,573 | -51,433 | -51,393 | -51,406 | -51,479 | -51.570 | -51,638 | -51,939 | -52,228 | -52,493 | -52,764 | -53,034 | -53,320 | -53,605 | -53,887 | -54,168 | -54,447 | -54,724 |
| , | , | 00,0.2 | 02,000 | 01,010 | 01,100 | 01,000 | 01,100 | 01,110 | 0., | 01,000 | 01,000 | 02,220 | 02, 100 | 02,70 | 00,001 | 00,020 | 00,000 | 00,001 | 0 1, 100 | 01,111 | 01,121 |
| · · · · · · · · · · · · · · · · · · · | , | 00,0.1 | 02,000 | 01,070 | 01,100 | 01,000 | 01,100 | 01,110 | 0.,0.0 | 01,000 | 01,000 | 02,220 | 02, 100 | 02,101 | 00,001 | 00,020 | 00,000 | 00,001 | 0 1, 100 | 01,111 | 01,721 |
| Growth Option 2/Max | recycling | · | 02,000 | 01,010 | 01,100 | 01,000 | 01,100 | 01,170 | 0.,0.0 | 01,000 | 01,000 | 02,220 | 02,100 | 02,701 | 00,001 | 00,020 | 00,000 | 00,007 | 01,100 | 01,111 | 01,121 |
| Growth Option 2/Max | recycling Gap2016 | · | | · | · · | · | , | · | Gap2024 | · | · | · | | · | Gap2030 | · | Gap2032 | | · | Gap2035 | |
| Growth Option 2/Max | | · | | · | · · | · · | , | · | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | · | · | · | | · | · | · | | | · | | |
| Growth Option 2/Max Facility Type Landfill (C+I and LACW) | Gap2016 74,784 | Gap2017 68,403 | Gap2018 61,871 | Gap2019 54,729 | Gap2020 47,193 | Gap2021 45,793 | Gap2022 44,335 | Gap2023 42,829 | Gap2024 41,320 | · | Gap2026 66,028 | Gap2027 64,398 | Gap2028 62,816 | Gap2029 61,206 | Gap2030 59,602 | Gap2031 57,983 | Gap2032 58,271 | Gap2033 58,566 | Gap2034 58,871 | Gap2035 59,181 | Gap2036 59,501 |
| Growth Option 2/Max Facility Type Landfill (C+I and LACW) Landfill (Hazardous) | 74,784 -218,015 | Gap2017 68,403 -217,873 | Gap2018 61,871 -217,722 | Gap2019 54,729 -217,639 | Gap2020 47,193 -161,846 | Gap2021 45,793 -161,829 | Gap2022 44,335 -161,817 | Gap2023 42,829 -161,815 | Gap2024 41,320 -161,814 | Gap2025 39,778 -161,811 | Gap2026 66,028 -161,841 | Gap2027 64,398 -161,870 | Gap2028 62,816 -161,894 | Gap2029 61,206 7,409 | Gap2030 59,602 7,384 | Gap2031 57,983 7,358 | Gap2032 58,271 7,332 | Gap2033 58,566 7,307 | Gap2034 58,871 7,282 | Gap2035 59,181 7,258 | Gap2036 59,501 7,234 |
| Growth Option 2/Max Facility Type Landfill (C+I and LACW) Landfill (Hazardous) Landfill (CD&E) | 74,784 -218,015 -58,671 | Gap2017 68,403 -217,873 -67,224 | Gap2018 61,871 -217,722 -73,350 | Gap2019 54,729 -217,639 -73,517 | Gap2020 47,193 -161,846 -79,683 | Gap2021 45,793 -161,829 -71,725 | Gap2022 44,335 -161,817 -72,923 | Gap2023 42,829 -161,815 -74,241 | Gap2024 41,320 -161,814 -43,824 | Gap2025 39,778 -161,811 -45,121 | Gap2026 66,028 -161,841 -46,992 | Gap2027 64,398 -161,870 -48,799 | Gap2028 62,816 -161,894 -50,558 | Gap2029 61,206 7,409 -52,291 | Gap2030 59,602 7,384 -54,035 | Gap2031 57,983 7,358 -55,777 | Gap2032 58,271 7,332 -56,415 | Gap2033 58,566 7,307 -57,049 | Gap2034 58,871 7,282 -57,679 | Gap2035 59,181 7,258 -58,306 | Gap2036 59,501 7,234 -58,927 |
| Growth Option 2/Max Facility Type Landfill (C+I and LACW) Landfill (Hazardous) Landfill (CD&E) Energy from waste | 74,784 -218,015 | Gap2017 68,403 -217,873 | Gap2018 61,871 -217,722 | Gap2019 54,729 -217,639 | Gap2020 47,193 -161,846 | Gap2021 45,793 -161,829 | Gap2022 44,335 -161,817 | Gap2023 42,829 -161,815 | Gap2024 41,320 -161,814 | Gap2025 39,778 -161,811 | Gap2026 66,028 -161,841 | Gap2027 64,398 -161,870 | Gap2028 62,816 -161,894 | Gap2029 61,206 7,409 -52,291 | Gap2030 59,602 7,384 | Gap2031 57,983 7,358 | Gap2032 58,271 7,332 | Gap2033 58,566 7,307 | Gap2034 58,871 7,282 | Gap2035 59,181 7,258 | Gap2036 59,501 7,234 |
| Growth Option 2/Max Facility Type Landfill (C+I and LACW) Landfill (Hazardous) Landfill (CD&E) Energy from waste Thermal Treatment | 74,784 -218,015 -58,671 | Gap2017 68,403 -217,873 -67,224 | Gap2018 61,871 -217,722 -73,350 | Gap2019 54,729 -217,639 -73,517 | Gap2020 47,193 -161,846 -79,683 | Gap2021 45,793 -161,829 -71,725 | Gap2022 44,335 -161,817 -72,923 | Gap2023 42,829 -161,815 -74,241 | Gap2024 41,320 -161,814 -43,824 | Gap2025 39,778 -161,811 -45,121 | Gap2026 66,028 -161,841 -46,992 | Gap2027 64,398 -161,870 -48,799 | Gap2028 62,816 -161,894 -50,558 | Gap2029 61,206 7,409 -52,291 | Gap2030 59,602 7,384 -54,035 | Gap2031 57,983 7,358 -55,777 | Gap2032 58,271 7,332 -56,415 | Gap2033 58,566 7,307 -57,049 | Gap2034 58,871 7,282 -57,679 | Gap2035 59,181 7,258 -58,306 | Gap2036 59,501 7,234 -58,927 |
| Growth Option 2/Max Facility Type Landfill (C+I and LACW) Landfill (Hazardous) Landfill (CD&E) Energy from waste Thermal Treatment (without energy | 74,784 -218,015 -58,671 -26,627 | Gap2017 68,403 -217,873 -67,224 -27,911 | Gap2018 61,871 -217,722 -73,350 -29,361 | Gap2019 54,729 -217,639 -73,517 -30,937 | Gap2020 47,193 -161,846 -79,683 -32,673 | Gap2021 45,793 -161,829 -71,725 -30,865 | Gap2022 44,335 -161,817 -72,923 -29,025 | Gap2023 42,829 -161,815 -74,241 -27,151 | Gap2024 41,320 -161,814 -43,824 -25,242 | Gap2025 39,778 -161,811 -45,121 -23,293 | Gap2026 66,028 -161,841 -46,992 -21,283 | Gap2027 64,398 -161,870 -48,799 -19,229 | Gap2028 62,816 -161,894 -50,558 -17,138 | Gap2029 61,206 7,409 -52,291 -15,006 | Gap2030 59,602 7,384 -54,035 -12,824 | Gap2031 57,983 7,358 -55,777 -10,599 | Gap2032 58,271 7,332 -56,415 -8,331 | Gap2033 58,566 7,307 -57,049 -6,019 | 58,871 7,282 -57,679 -3,660 | Gap2035 59,181 7,258 -58,306 -1,254 | Gap2036 59,501 7,234 -58,927 1,200 |
| Growth Option 2/Max Facility Type Landfill (C+I and LACW) Landfill (Hazardous) Landfill (CD&E) Energy from waste Thermal Treatment (without energy recovery) | 74,784 -218,015 -58,671 -26,627 4,495 | Gap2017 68,403 -217,873 -67,224 -27,911 4,304 | Gap2018 61,871 -217,722 -73,350 -29,361 4,115 | Gap2019 54,729 -217,639 -73,517 -30,937 | Gap2020 47,193 -161,846 -79,683 -32,673 3,607 | Gap2021 45,793 -161,829 -71,725 -30,865 3,610 | Gap2022 44,335 -161,817 -72,923 -29,025 3,609 | Gap2023 42,829 -161,815 -74,241 -27,151 3,603 | Gap2024 41,320 -161,814 -43,824 -25,242 3,596 | 39,778 -161,811 -45,121 -23,293 3,591 | Gap2026 66,028 -161,841 -46,992 -21,283 3,568 | Gap2027 64,398 -161,870 -48,799 -19,229 | Gap2028 62,816 -161,894 -50,558 -17,138 | Gap2029 61,206 7,409 -52,291 -15,006 | Gap2030 59,602 7,384 -54,035 -12,824 3,484 | Gap2031 57,983 7,358 -55,777 -10,599 | 58,271 7,332 -56,415 -8,331 | Gap2033 58,566 7,307 -57,049 -6,019 | 58,871 7,282 -57,679 -3,660 | Gap2035 59,181 7,258 -58,306 -1,254 3,375 | Gap2036 59,501 7,234 -58,927 1,200 |
| Growth Option 2/Max Facility Type Landfill (C+I and LACW) Landfill (Hazardous) Landfill (CD&E) Energy from waste Thermal Treatment (without energy recovery) Recycling (C+I, Agri) | 74,784 -218,015 -58,671 -26,627 4,495 118,855 | Gap2017 68,403 -217,873 -67,224 -27,911 4,304 127,220 | Gap2018 61,871 -217,722 -73,350 -29,361 4,115 135,918 | Gap2019 54,729 -217,639 -73,517 -30,937 3,866 143,686 | Gap2020 47,193 -161,846 -79,683 -32,673 3,607 150,832 | Gap2021 45,793 -161,829 -71,725 -30,865 3,610 153,809 | Gap2022 44,335 -161,817 -72,923 -29,025 3,609 156,684 | Gap2023 42,829 -161,815 -74,241 -27,151 3,603 159,392 | Gap2024 41,320 -161,814 -43,824 -25,242 3,596 162,097 | Gap2025 39,778 -161,811 -45,121 -23,293 3,591 164,822 | Gap2026 66,028 -161,841 -46,992 -21,283 3,568 167,406 | Gap2027 64,398 -161,870 -48,799 -19,229 3,545 170,010 | Gap2028 62,816 -161,894 -50,558 -17,138 3,525 172,712 | Gap2029 61,206 7,409 -52,291 -15,006 3,504 175,385 | Gap2030 59,602 7,384 -54,035 -12,824 3,484 178,199 | Gap2031 57,983 7,358 -55,777 -10,599 3,462 180,957 | 58,271 7,332 -56,415 -8,331 3,440 181,861 | Gap2033 58,566 7,307 -57,049 -6,019 3,418 182,783 | 58,871 7,282 -57,679 -3,660 3,396 183,727 | Gap2035 59,181 7,258 -58,306 -1,254 3,375 184,690 | Gap2036 59,501 7,234 -58,927 1,200 3,354 185,673 |
| Growth Option 2/Max Facility Type Landfill (C+I and LACW) Landfill (Hazardous) Landfill (CD&E) Energy from waste Thermal Treatment (without energy recovery) Recycling (C+I, Agri) Recycling (C+D) | Gap2016 74,784 -218,015 -58,671 -26,627 4,495 118,855 100,868 | Gap2017 68,403 -217,873 -67,224 -27,911 4,304 127,220 109,280 | Gap2018 61,871 -217,722 -73,350 -29,361 4,115 135,918 118,097 | Gap2019 54,729 -217,639 -73,517 -30,937 3,866 143,686 125,908 | Gap2020 47,193 -161,846 -79,683 -32,673 3,607 150,832 132,811 | Gap2021 45,793 -161,829 -71,725 -30,865 3,610 153,809 134,473 | Gap2022 44,335 -161,817 -72,923 -29,025 3,609 156,684 136,014 | Gap2023 42,829 -161,815 -74,241 -27,151 3,603 159,392 137,340 | Gap2024 41,320 -161,814 -43,824 -25,242 3,596 162,097 138,638 | 39,778 -161,811 -45,121 -23,293 3,591 164,822 139,972 | Gap2026 66,028 -161,841 -46,992 -21,283 3,568 167,406 140,604 | Gap2027 64,398 -161,870 -48,799 -19,229 3,545 170,010 141,216 | Gap2028 62,816 -161,894 -50,558 -17,138 3,525 172,712 141,921 | Gap2029 61,206 7,409 -52,291 -15,006 3,504 175,385 142,560 | Gap2030 59,602 7,384 -54,035 -12,824 3,484 178,199 143,214 | Gap2031 57,983 7,358 -55,777 -10,599 3,462 180,957 143,763 | 58,271 7,332 -56,415 -8,331 3,440 181,861 142,826 | Gap2033 58,566 7,307 -57,049 -6,019 3,418 182,783 141,895 | 58,871 7,282 -57,679 -3,660 3,396 183,727 140,970 | Gap2035 59,181 7,258 -58,306 -1,254 3,375 184,690 140,051 | Gap2036 59,501 7,234 -58,927 1,200 3,354 185,673 139,137 |
| Growth Option 2/Max Facility Type Landfill (C+I and LACW) Landfill (Hazardous) Landfill (CD&E) Energy from waste Thermal Treatment (without energy recovery) Recycling (C+I, Agri) | 74,784 -218,015 -58,671 -26,627 4,495 118,855 | Gap2017 68,403 -217,873 -67,224 -27,911 4,304 127,220 | Gap2018 61,871 -217,722 -73,350 -29,361 4,115 135,918 | Gap2019 54,729 -217,639 -73,517 -30,937 3,866 143,686 | Gap2020 47,193 -161,846 -79,683 -32,673 3,607 150,832 | Gap2021 45,793 -161,829 -71,725 -30,865 3,610 153,809 | Gap2022 44,335 -161,817 -72,923 -29,025 3,609 156,684 | Gap2023 42,829 -161,815 -74,241 -27,151 3,603 159,392 | Gap2024 41,320 -161,814 -43,824 -25,242 3,596 162,097 | Gap2025 39,778 -161,811 -45,121 -23,293 3,591 164,822 | Gap2026 66,028 -161,841 -46,992 -21,283 3,568 167,406 | Gap2027 64,398 -161,870 -48,799 -19,229 3,545 170,010 | Gap2028 62,816 -161,894 -50,558 -17,138 3,525 172,712 141,921 | Gap2029 61,206 7,409 -52,291 -15,006 3,504 175,385 142,560 | Gap2030 59,602 7,384 -54,035 -12,824 3,484 178,199 | Gap2031 57,983 7,358 -55,777 -10,599 3,462 180,957 | 58,271 7,332 -56,415 -8,331 3,440 181,861 | Gap2033 58,566 7,307 -57,049 -6,019 3,418 182,783 | 58,871 7,282 -57,679 -3,660 3,396 183,727 | Gap2035 59,181 7,258 -58,306 -1,254 3,375 184,690 | Gap2036 59,501 7,234 -58,927 1,200 3,354 185,673 |
| Growth Option 2/Max Facility Type Landfill (C+I and LACW) Landfill (Hazardous) Landfill (CD&E) Energy from waste Thermal Treatment (without energy recovery) Recycling (C+I, Agri) Recycling (C+D) | Gap2016 74,784 -218,015 -58,671 -26,627 4,495 118,855 100,868 | Gap2017 68,403 -217,873 -67,224 -27,911 4,304 127,220 109,280 | Gap2018 61,871 -217,722 -73,350 -29,361 4,115 135,918 118,097 -29,430 | Gap2019 54,729 -217,639 -73,517 -30,937 3,866 143,686 125,908 | Gap2020 47,193 -161,846 -79,683 -32,673 3,607 150,832 132,811 -28,474 | Gap2021 45,793 -161,829 -71,725 -30,865 3,610 153,809 134,473 | Gap2022 44,335 -161,817 -72,923 -29,025 3,609 156,684 136,014 | Gap2023 42,829 -161,815 -74,241 -27,151 3,603 159,392 137,340 | Gap2024 41,320 -161,814 -43,824 -25,242 3,596 162,097 138,638 | 39,778 -161,811 -45,121 -23,293 3,591 164,822 139,972 | Gap2026 66,028 -161,841 -46,992 -21,283 3,568 167,406 140,604 | Gap2027 64,398 -161,870 -48,799 -19,229 3,545 170,010 141,216 -29,168 | Gap2028 62,816 -161,894 -50,558 -17,138 3,525 172,712 141,921 -29,469 | Gap2029 61,206 7,409 -52,291 -15,006 3,504 175,385 142,560 -29,775 | Gap2030 59,602 7,384 -54,035 -12,824 3,484 178,199 143,214 | Gap2031 57,983 7,358 -55,777 -10,599 3,462 180,957 143,763 | 58,271 7,332 -56,415 -8,331 3,440 181,861 142,826 -30,728 | Gap2033 58,566 7,307 -57,049 -6,019 3,418 182,783 141,895 | 58,871 7,282 -57,679 -3,660 3,396 183,727 140,970 | Gap2035 59,181 7,258 -58,306 -1,254 3,375 184,690 140,051 | Gap2036 59,501 7,234 -58,927 1,200 3,354 185,673 139,137 -31,979 |
| Growth Option 2/Max Facility Type Landfill (C+I and LACW) Landfill (Hazardous) Landfill (CD&E) Energy from waste Thermal Treatment (without energy recovery) Recycling (C+I, Agri) Recycling (C+D) Recycling (Metals) | Gap2016 74,784 -218,015 -58,671 -26,627 4,495 118,855 100,868 -32,041 | Gap2017 68,403 -217,873 -67,224 -27,911 4,304 127,220 109,280 -30,779 | Gap2018 61,871 -217,722 -73,350 -29,361 4,115 135,918 118,097 | Gap2019 54,729 -217,639 -73,517 -30,937 3,866 143,686 125,908 -28,718 | Gap2020 47,193 -161,846 -79,683 -32,673 3,607 150,832 132,811 | Gap2021 45,793 -161,829 -71,725 -30,865 3,610 153,809 134,473 -28,369 | Gap2022 44,335 -161,817 -72,923 -29,025 3,609 156,684 136,014 -28,333 | Gap2023 42,829 -161,815 -74,241 -27,151 3,603 159,392 137,340 -28,377 | Gap2024 41,320 -161,814 -43,824 -25,242 3,596 162,097 138,638 -28,446 | Gap2025 39,778 -161,811 -45,121 -23,293 3,591 164,822 139,972 -28,480 | Gap2026 66,028 -161,841 -46,992 -21,283 3,568 167,406 140,604 -28,832 | Gap2027 64,398 -161,870 -48,799 -19,229 3,545 170,010 141,216 | Gap2028 62,816 -161,894 -50,558 -17,138 3,525 172,712 141,921 -29,469 | Gap2029 61,206 7,409 -52,291 -15,006 3,504 175,385 142,560 -29,775 20,165 | Gap2030 59,602 7,384 -54,035 -12,824 3,484 178,199 143,214 -30,080 | Gap2031 57,983 7,358 -55,777 -10,599 3,462 180,957 143,763 -30,407 | 58,271 7,332 -56,415 -8,331 3,440 181,861 142,826 -30,728 | Gap2033 58,566 7,307 -57,049 -6,019 3,418 182,783 141,895 -31,047 | Gap2034 58,871 7,282 -57,679 -3,660 3,396 183,727 140,970 -31,361 | Gap2035 59,181 7,258 -58,306 -1,254 3,375 184,690 140,051 -31,672 | Gap2036 59,501 7,234 -58,927 1,200 3,354 185,673 139,137 |
| Growth Option 2/Max Facility Type Landfill (C+I and LACW) Landfill (Hazardous) Landfill (CD&E) Energy from waste Thermal Treatment (without energy recovery) Recycling (C+I, Agri) Recycling (C+D) Recycling (Metals) Recycling (Hazardous) | Gap2016 74,784 -218,015 -58,671 -26,627 4,495 118,855 100,868 -32,041 19,661 | Gap2017 68,403 -217,873 -67,224 -27,911 4,304 127,220 109,280 -30,779 20,055 | Gap2018 61,871 -217,722 -73,350 -29,361 4,115 135,918 118,097 -29,430 20,477 | Gap2019 54,729 -217,639 -73,517 -30,937 3,866 143,686 125,908 -28,718 20,692 | Gap2020 47,193 -161,846 -79,683 -32,673 3,607 150,832 132,811 -28,474 20,754 | Gap2021 45,793 -161,829 -71,725 -30,865 3,610 153,809 134,473 -28,369 20,771 | Gap2022 44,335 -161,817 -72,923 -29,025 3,609 156,684 136,014 -28,333 20,765 | Gap2023 42,829 -161,815 -74,241 -27,151 3,603 159,392 137,340 -28,377 20,733 | Gap2024 41,320 -161,814 -43,824 -25,242 3,596 162,097 138,638 -28,446 20,693 | 39,778 -161,811 -45,121 -23,293 3,591 164,822 139,972 -28,480 20,663 | Gap2026 66,028 -161,841 -46,992 -21,283 3,568 167,406 140,604 -28,832 20,530 | Gap2027 64,398 -161,870 -48,799 -19,229 3,545 170,010 141,216 -29,168 20,402 | Gap2028 62,816 -161,894 -50,558 -17,138 3,525 172,712 141,921 -29,469 20,284 111,402 | Gap2029 61,206 7,409 -52,291 -15,006 3,504 175,385 142,560 -29,775 20,165 114,097 | Gap2030 59,602 7,384 -54,035 -12,824 3,484 178,199 143,214 -30,080 20,045 | Gap2031 57,983 7,358 -55,777 -10,599 3,462 180,957 143,763 -30,407 | 58,271 7,332 -56,415 -8,331 3,440 181,861 142,826 -30,728 | Gap2033 58,566 7,307 -57,049 -6,019 3,418 182,783 141,895 -31,047 19,668 | Gap2034 58,871 7,282 -57,679 -3,660 3,396 183,727 140,970 -31,361 19,544 | Gap2035 59,181 7,258 -58,306 -1,254 3,375 184,690 140,051 -31,672 19,420 | Gap2036 59,501 7,234 -58,927 1,200 3,354 185,673 139,137 -31,979 19,297 |
| Growth Option 2/Max Facility Type Landfill (C+I and LACW) Landfill (Hazardous) Landfill (CD&E) Energy from waste Thermal Treatment (without energy recovery) Recycling (C+I, Agri) Recycling (C+D) Recycling (Metals) Recycling (Hazardous) Recycling (LACW) | Gap2016 74,784 -218,015 -58,671 -26,627 4,495 118,855 100,868 -32,041 19,661 59,644 | Gap2017 68,403 -217,873 -67,224 -27,911 4,304 127,220 109,280 -30,779 20,055 67,224 | Gap2018 61,871 -217,722 -73,350 -29,361 4,115 135,918 118,097 -29,430 20,477 75,077 | Gap2019 54,729 -217,639 -73,517 -30,937 3,866 143,686 125,908 -28,718 20,692 83,212 | Gap2020 47,193 -161,846 -79,683 -32,673 3,607 150,832 132,811 -28,474 20,754 91,636 | Gap2021 45,793 -161,829 -71,725 -30,865 3,610 153,809 134,473 -28,369 20,771 93,942 | Gap2022 44,335 -161,817 -72,923 -29,025 3,609 156,684 136,014 -28,333 20,765 96,292 | Gap2023 42,829 -161,815 -74,241 -27,151 3,603 159,392 137,340 -28,377 20,733 98,690 | Gap2024 41,320 -161,814 -43,824 -25,242 3,596 162,097 138,638 -28,446 20,693 101,134 | 39,778 -161,811 -45,121 -23,293 3,591 164,822 139,972 -28,480 20,663 103,625 | Gap2026 66,028 -161,841 -46,992 -21,283 3,568 167,406 140,604 -28,832 20,530 106,167 | Gap2027 64,398 -161,870 -48,799 -19,229 3,545 170,010 141,216 -29,168 20,402 108,759 | Gap2028 62,816 -161,894 -50,558 -17,138 3,525 172,712 141,921 -29,469 20,284 111,402 18,155 | Gap2029 61,206 7,409 -52,291 -15,006 3,504 175,385 142,560 -29,775 20,165 114,097 | Gap2030 59,602 7,384 -54,035 -12,824 3,484 178,199 143,214 -30,080 20,045 116,844 | Gap2031 57,983 7,358 -55,777 -10,599 3,462 180,957 143,763 -30,407 19,919 119,649 | 58,271 7,332 -56,415 -8,331 3,440 181,861 142,826 -30,728 19,793 122,506 | Gap2033 58,566 7,307 -57,049 -6,019 3,418 182,783 141,895 -31,047 19,668 125,420 | Gap2034 58,871 7,282 -57,679 -3,660 3,396 183,727 140,970 -31,361 19,544 128,392 | Gap2035 59,181 7,258 -58,306 -1,254 3,375 184,690 140,051 -31,672 19,420 131,423 | Gap2036 59,501 7,234 -58,927 1,200 3,354 185,673 139,137 -31,979 19,297 134,514 |
| Growth Option 2/Max Facility Type Landfill (C+I and LACW) Landfill (Hazardous) Landfill (CD&E) Energy from waste Thermal Treatment (without energy recovery) Recycling (C+I, Agri) Recycling (C+D) Recycling (Metals) Recycling (Hazardous) Recycling (LACW) Composting | Gap2016 74,784 -218,015 -58,671 -26,627 4,495 118,855 100,868 -32,041 19,661 59,644 16,265 | Gap2017 68,403 -217,873 -67,224 -27,911 4,304 127,220 109,280 -30,779 20,055 67,224 16,490 | Gap2018 61,871 -217,722 -73,350 -29,361 4,115 135,918 118,097 -29,430 20,477 75,077 16,719 | Gap2019 54,729 -217,639 -73,517 -30,937 3,866 143,686 125,908 -28,718 20,692 83,212 16,910 | Gap2020 47,193 -161,846 -79,683 -32,673 3,607 150,832 132,811 -28,474 20,754 91,636 17,105 | Gap2021 45,793 -161,829 -71,725 -30,865 3,610 153,809 134,473 -28,369 20,771 93,942 17,220 | Gap2022 44,335 -161,817 -72,923 -29,025 3,609 156,684 136,014 -28,333 20,765 96,292 17,339 | Gap2023 42,829 -161,815 -74,241 -27,151 3,603 159,392 137,340 -28,377 20,733 98,690 17,461 | Gap2024 41,320 -161,814 -43,824 -25,242 3,596 162,097 138,638 -28,446 20,693 101,134 17,591 | 39,778 -161,811 -45,121 -23,293 3,591 164,822 139,972 -28,480 20,663 103,625 17,728 | Gap2026 66,028 -161,841 -46,992 -21,283 3,568 167,406 140,604 -28,832 20,530 106,167 17,847 | Gap2027 64,398 -161,870 -48,799 -19,229 3,545 170,010 141,216 -29,168 20,402 108,759 17,996 | Gap2028 62,816 -161,894 -50,558 -17,138 3,525 172,712 141,921 -29,469 20,284 111,402 18,155 | Gap2029 61,206 7,409 -52,291 -15,006 3,504 175,385 142,560 -29,775 20,165 114,097 18,324 -81,308 | Gap2030 59,602 7,384 -54,035 -12,824 3,484 178,199 143,214 -30,080 20,045 116,844 18,502 | Gap2031 57,983 7,358 -55,777 -10,599 3,462 180,957 143,763 -30,407 19,919 119,649 18,689 | 58,271 7,332 -56,415 -8,331 3,440 181,861 142,826 -30,728 19,793 122,506 19,070 | Gap2033 58,566 7,307 -57,049 -6,019 3,418 182,783 141,895 -31,047 19,668 125,420 19,458 | Gap2034 58,871 7,282 -57,679 -3,660 3,396 183,727 140,970 -31,361 19,544 128,392 19,854 | Gap2035 59,181 7,258 -58,306 -1,254 3,375 184,690 140,051 -31,672 19,420 131,423 20,258 | Gap2036 59,501 7,234 -58,927 1,200 3,354 185,673 139,137 -31,979 19,297 134,514 20,671 |

| Growth Option 2/ Med | lian Recyl | ing | | | | | | | | | | | | | | | | | | | |
|-----------------------|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|
| Facility Type | Gap2016 | Gap2017 | Gap2018 | Gap2019 | Gap2020 | Gap2021 | Gap2022 | Gap2023 | Gap2024 | Gap2025 | Gap2026 | Gap2027 | Gap2028 | Gap2029 | Gap2030 | Gap2031 | Gap2032 | Gap2033 | Gap2034 | Gap2035 | Gap2036 |
| Landfill (C+I and | | | | | | | | | | | | | | | | | | | | | |
| LACW) | 79,125 | 74,273 | 69,379 | 63,824 | 57,851 | 55,946 | 53,943 | 51,886 | 49,793 | 47,703 | 73,283 | 71,011 | 68,738 | 66,438 | 64,105 | 61,755 | 61,886 | 62,021 | 62,167 | 62,319 | 62,480 |
| Landfill (Hazardous) | -218,015 | -217,873 | -217,722 | -217,639 | -161,846 | -161,829 | -161,817 | -161,815 | -161,814 | -161,811 | -161,841 | -161,870 | -161,894 | 7,409 | 7,384 | 7,358 | 7,332 | 7,307 | 7,282 | 7,258 | 7,234 |
| Landfill (CD&E) | -66,874 | -78,430 | -87,639 | -90,833 | -99,938 | -91,084 | -91,340 | -91,719 | -60,334 | -60,699 | -61,568 | -62,388 | -63,153 | -63,926 | -64,697 | -65,497 | -66,073 | -66,647 | -67,216 | -67,782 | -68,344 |
| Energy from waste | -15,967 | -13,508 | -11,038 | -8,612 | -6,177 | -3,050 | 146 | 3,376 | 6,681 | 10,025 | 13,504 | 17,033 | 20,646 | 24,307 | 28,074 | 31,892 | 34,816 | 37,798 | 40,837 | 43,935 | 47,092 |
| Thermal Treatment | | | | | | | | | | | | | | | | | | | | | |
| (without energy | | | | | | | | | | | | | | | | | | | | | |
| recovery) | 4,495 | 4,304 | 4,115 | 3,866 | 3,607 | 3,610 | 3,609 | 3,603 | 3,596 | 3,591 | 3,568 | 3,545 | 3,525 | 3,504 | 3,484 | 3,462 | 3,440 | 3,418 | 3,396 | 3,375 | 3,354 |
| Recycling (C+I, Agri) | 110,448 | 115,922 | 121,562 | 126,326 | 130,451 | 133,350 | 136,160 | 138,818 | 141,476 | 144,149 | 146,711 | 149,290 | 151,960 | 154,602 | 157,378 | 160,101 | 160,968 | 161,854 | 162,758 | 163,681 | 164,623 |
| Recycling (C+D) | 88,748 | 92,815 | 97,082 | 100,414 | 102,980 | 104,617 | 106,167 | 107,539 | 108,895 | 110,272 | 111,095 | 111,891 | 112,766 | 113,575 | 114,401 | 115,133 | 114,377 | 113,626 | 112,879 | 112,137 | 111,399 |
| Recycling (Metals) | -32,041 | -30,779 | -29,430 | -28,718 | -28,474 | -28,369 | -28,333 | -28,377 | -28,446 | -28,480 | -28,832 | -29,168 | -29,469 | -29,775 | -30,080 | -30,407 | -30,728 | -31,047 | -31,361 | -31,672 | -31,979 |
| | | | | | | | | | | | | | | | | | | | | | |
| Recycling (Hazardous) | 19,661 | 20,055 | 20,477 | 20,692 | 20,754 | 20,771 | 20,765 | 20,733 | 20,693 | 20,663 | 20,530 | 20,402 | 20,284 | 20,165 | 20,045 | 19,919 | 19,793 | 19,668 | 19,544 | 19,420 | 19,297 |
| Recycling (LACW) | 52,253 | 57,163 | 62,241 | 67,491 | 72,919 | 74,843 | 76,805 | 78,806 | 80,845 | 82,924 | 85,044 | 87,206 | 89,411 | 91,658 | 93,949 | 96,287 | 98,669 | 101,097 | 103,574 | 106,101 | 108,676 |
| Composting | 16,265 | 16,490 | 16,719 | 16,910 | 17,105 | 17,220 | 17,339 | 17,461 | 17,591 | 17,728 | 17,847 | 17,996 | 18,155 | 18,324 | 18,502 | 18,689 | 19,070 | 19,458 | 19,854 | 20,258 | 20,671 |
| Treatment plant | -82,874 | -82,443 | -81,988 | -81,648 | -81,311 | -81,250 | -81,199 | -81,155 | -81,113 | -81,070 | -81,039 | -81,006 | -80,968 | -80,932 | -80,890 | -80,850 | -80,809 | -80,767 | -80,724 | -80,680 | -80,634 |
| Other Treatment | 52,100 | 59,345 | 66,967 | 73,923 | 80,288 | 79,051 | 77,671 | 76,207 | 74,702 | 73,233 | 71,337 | 69,461 | 67,665 | 65,883 | 64,083 | 62,303 | 61,800 | 61,299 | 60,802 | 60,307 | 59,815 |
| Land recovery | -58,003 | -56,168 | -54,207 | -52,659 | -51,433 | -51,585 | -51,790 | -52,054 | -52,336 | -52,593 | -53,098 | -53,569 | -54,014 | -54,462 | -54,907 | -55,366 | -55,637 | -55,907 | -56,175 | -56,441 | -56,706 |

| Growth Option 3/ Ba | seline rec | ycling | | | | | | | | | | | | | | | | | | | |
|---------------------------------------------------|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|
| Facility Type | Gap2016 | Gap2017 | Gap2018 | Gap2019 | Gap2020 | Gap2021 | Gap2022 | Gap2023 | Gap2024 | Gap2025 | Gap2026 | Gap2027 | Gap2028 | Gap2029 | Gap2030 | Gap2031 | Gap2032 | Gap2033 | Gap2034 | Gap2035 | Gap2036 |
| Landfill (C+I and LACW) | 97,431 | 99,140 | 100,931 | 102,173 | 103,058 | 103,846 | 104,566 | 105,227 | 105,874 | 106,557 | 134,976 | 135,583 | 136,301 | 137,029 | 137,805 | 138,579 | 139,371 | 140,181 | 141,010 | 141,857 | 142,724 |
| Landfill (Hazardous) | -218,053 | -217,915 | -217,768 | -217,689 | -161,901 | -161,886 | -161,878 | -161,879 | -161,883 | -161,882 | -161,915 | -161,946 | -161,969 | 7,336 | 7,313 | 7,289 | 7,265 | 7,243 | 7,219 | 7,198 | 7,176 |
| Landfill (CD&E) | -43,407 | -45,464 | -44,775 | -38,218 | -37,840 | -28,805 | -28,950 | -29,298 | 2,093 | 1,770 | 653 | -423 | -1,311 | -2,216 | -3,121 | -4,080 | -5,032 | -5,979 | -6,919 | -7,854 | -8,783 |
| Energy from waste | -16,585 | -14,204 | -11,773 | -9,295 | -6,767 | -4,185 | -1,550 | 1,140 | 3,887 | 6,693 | 9,562 | 12,491 | 15,483 | 18,539 | 21,662 | 24,850 | 28,106 | 31,432 | 34,829 | 38,295 | 41,838 |
| Thermal Treatment (without energy recovery) | 5,275 | 5,354 | 5,437 | 5,483 | 5,504 | 5,518 | 5,526 | 5,531 | 5,534 | 5,538 | 5,530 | 5,523 | 5,521 | 5,519 | 5,519 | 5,517 | 5,516 | 5,515 | 5,515 | 5,514 | 5,514 |
| Recycling (C+I, Agri) | 100,845 | 103,207 | 105,685 | 107,263 | 108,267 | 109,106 | 109,817 | 110,422 | 110,987 | 111,593 | 112,080 | 112,619 | 113,336 | 114,059 | 114,857 | 115,644 | 116,446 | | 118,098 | 118,948 | |
| Recycling (C+D) | 79,422 | 81,052 | 82,798 | 83,660 | 83,870 | 83,889 | 83,808 | 83,616 | 83,390 | 83,211 | 82,592 | 81,996 | 81,505 | 81,003 | 80,503 | 79,973 | 79,445 | 78,921 | 78,401 | 77,883 | 77,369 |
| Recycling (Metals) | -32,401 | -31,182 | -29,878 | -29,207 | -29,002 | -28,933 | -28,933 | -29,014 | -29,117 | -29,185 | -29,566 | -29,931 | -30,219 | -30,512 | -30,804 | -31,115 | -31,424 | -31,728 | -32,029 | -32,325 | -32,617 |
| Recycling (Hazardous) | 19,542 | 19,921 | 20,328 | 20,528 | 20,577 | 20,581 | 20,563 | 20,518 | 20,465 | 20,424 | 20,280 | 20,141 | 20,027 | 19,910 | 19,794 | 19,670 | 19,547 | 19,426 | 19,304 | 19,184 | 19,064 |
| Recycling (LACW) | 42,461 | 43,845 | 45,256 | 46,698 | 48,167 | 49,665 | 51,193 | 52,753 | 54,345 | 55,968 | 57,623 | 59,313 | 61,036 | 62,795 | 64,590 | 66,422 | 68,289 | 70,195 | 72,139 | 74,124 | 76,148 |
| Composting | 16,625 | 16,976 | 17,337 | 17,682 | 18,020 | 18,360 | 18,705 | 19,054 | 19,411 | 19,776 | 20,138 | 20,510 | 20,891 | 21,281 | 21,680 | 22,086 | 22,502 | 22,927 | 23,361 | 23,805 | 24,259 |
| Treatment plant | -83,704 | -83,522 | -83,328 | -83,221 | -83,177 | -83,149 | -83,132 | -83,127 | -83,125 | -83,118 | -83,145 | -83,168 | -83,179 | -83,191 | -83,200 | -83,212 | -83,223 | -83,233 | -83,242 | -83,252 | -83,259 |
| Other Treatment | 32,093 | 33,055 | 34,086 | 34,594 | 34,717 | 34,729 | 34,682 | 34,568 | 34,435 | 34,329 | 33,964 | 33,612 | 33,322 | 33,027 | 32,732 | 32,419 | 32,108 | 31,798 | 31,491 | 31,185 | 30,882 |
| Land recovery | -54,171 | -53,314 | -52,396 | -51,942 | -51,832 | -51,823 | -51,865 | -51,966 | -52,085 | -52,178 | -52,504 | -52,817 | -53,076 | -53,340 | -53,603 | -53,882 | -54,159 | -54,435 | -54,708 | -54,980 | -55,251 |

| Growth Option 3/ Ma | ax recyclir | ng | | | | | | | | | | | | | | | | | | | i |
|-----------------------|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|
| WasteManGroupID | Gap2016 | Gap2017 | Gap2018 | Gap2019 | Gap2020 | Gap2021 | Gap2022 | Gap2023 | Gap2024 | Gap2025 | Gap2026 | Gap2027 | Gap2028 | Gap2029 | Gap2030 | Gap2031 | Gap2032 | Gap2033 | Gap2034 | Gap2035 | Gap2036 |
| Landfill (C+I and | | | | | | | | | | | | | | | | | | | | | |
| LACW) | 74,284 | 67,893 | 61,360 | 54,225 | 46,704 | 45,289 | 43,820 | 42,304 | 40,790 | 39,246 | 65,499 | 63,872 | 62,331 | 60,762 | 59,202 | 57,625 | 57,933 | 58,248 | 58,572 | 58,905 | 59,247 |
| Landfill (Hazardous) | -218,053 | -217,915 | -217,768 | -217,689 | -161,901 | -161,886 | -161,878 | -161,879 | -161,883 | -161,882 | -161,915 | -161,946 | -161,969 | 7,336 | 7,313 | 7,289 | 7,265 | 7,243 | 7,219 | 7,198 | 7,176 |
| Landfill (CD&E) | -59,498 | -68,112 | -74,293 | -74,496 | -80,687 | -72,793 | -74,052 | -75,428 | -45,066 | -46,414 | -48,331 | -50,178 | -51,907 | -53,610 | -55,325 | -57,038 | -57,660 | -58,278 | -58,893 | -59,503 | -60,109 |
| Energy from waste | -26,383 | -27,596 | -28,983 | -30,505 | -32,195 | -30,299 | -28,367 | -26,397 | -24,387 | -22,336 | -20,217 | -18,052 | -15,836 | -13,573 | -11,257 | -8,893 | -6,481 | -4,018 | -1,503 | 1,061 | 3,680 |
| Thermal Treatment | | | | | | | | | | | | | | | | | | | | | ĺ |
| (without energy | | | | | | | | | | | | | | | | | | | | | i |
| recovery) | 4,467 | 4,275 | 4,085 | 3,835 | 3,576 | 3,577 | 3,573 | 3,566 | 3,557 | 3,549 | 3,524 | 3,500 | 3,480 | 3,460 | 3,440 | 3,418 | 3,397 | 3,376 | 3,355 | 3,334 | 3,313 |
| | | | | | | | | | | | | | | | | | | | | | i |
| Recycling (C+I, Agri) | 117,518 | 125,691 | 134,186 | 141,749 | 148,680 | 151,474 | 154,163 | 156,683 | 159,198 | 161,735 | 164,125 | 166,540 | 169,228 | 171,887 | 174,685 | 177,430 | 178,345 | 179,279 | 180,234 | 181,208 | 182,202 |
| Recycling (C+D) | 100,229 | 108,519 | 117,203 | 124,877 | 131,640 | 133,202 | 134,642 | 135,866 | 137,064 | 138,297 | 138,834 | 139,353 | 140,061 | 140,702 | 141,358 | 141,913 | 140,999 | 140,091 | 139,188 | 138,291 | 137,400 |
| Recycling (Metals) | -32,401 | -31,182 | -29,878 | -29,207 | -29,002 | -28,933 | -28,933 | -29,014 | -29,117 | -29,185 | -29,566 | -29,931 | -30,219 | -30,512 | -30,804 | -31,115 | -31,424 | -31,728 | -32,029 | -32,325 | -32,617 |
| Recycling | | | | | | | | | | | | | | | | | | | | | |
| (Hazardous) | 19,542 | 19,921 | 20,328 | 20,528 | 20,577 | 20,581 | 20,563 | 20,518 | 20,465 | 20,424 | 20,280 | 20,141 | 20,027 | 19,910 | 19,794 | 19,670 | 19,547 | 19,426 | 19,304 | 19,184 | 19,064 |
| Recycling (LACW) | 59,910 | 67,610 | 75,598 | 83,886 | 92,481 | 94,925 | 97,419 | 99,965 | 102,564 | 105,216 | 107,922 | 110,686 | 113,506 | 116,385 | 119,323 | 122,322 | 125,383 | 128,507 | 131,696 | 134,952 | 138,273 |
| Composting | 16,294 | 16,532 | 16,775 | 16,979 | 17,189 | 17,321 | 17,458 | 17,599 | 17,749 | 17,908 | 18,049 | 18,222 | 18,405 | 18,599 | 18,803 | 19,017 | 19,423 | 19,838 | 20,261 | 20,694 | 21,135 |
| Treatment plant | -83,759 | -83,609 | -83,459 | -83,387 | -83,362 | -83,147 | -82,940 | -82,738 | -82,538 | -82,332 | -82,119 | -81,920 | -81,706 | -81,488 | -81,262 | -81,034 | -80,993 | -80,950 | -80,906 | -80,861 | -80,815 |
| Other Treatment | 31,447 | 31,379 | 31,330 | 30,740 | 29,796 | 29,404 | 28,950 | 28,447 | 27,920 | 27,428 | 26,706 | 26,009 | 25,362 | 24,723 | 24,081 | 23,437 | 23,182 | 22,928 | 22,676 | 22,425 | 22,177 |
| Land recovery | -58,248 | -56,449 | -54,528 | -53,019 | -51,832 | -51,823 | -51,865 | -51,966 | -52,085 | -52,178 | -52,504 | -52,817 | -53,076 | -53,340 | -53,603 | -53,882 | -54,159 | -54,435 | -54,708 | -54,980 | -55,251 |

| Growth Option 3/ Me | edian recy | cling | | | | | | | | | | | | | | | | | | | |
|-----------------------|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|
| Facility Type | Gap2016 | Gap2017 | Gap2018 | Gap2019 | Gap2020 | Gap2021 | Gap2022 | Gap2023 | Gap2024 | Gap2025 | Gap2026 | Gap2027 | Gap2028 | Gap2029 | Gap2030 | Gap2031 | Gap2032 | Gap2033 | Gap2034 | Gap2035 | Gap2036 |
| Landfill (C+I and | | | | | | | | | | | | | | | | | | | | | |
| LACW) | 78,599 | 73,724 | 68,813 | 63,249 | 57,270 | 55,350 | 53,334 | 51,268 | 49,170 | 47,079 | 72,665 | 70,401 | 68,178 | 65,929 | 63,648 | 61,351 | 61,502 | 61,661 | 61,828 | 62,004 | 62,189 |
| Landfill (Hazardous) | -218,053 | -217,915 | -217,768 | -217,689 | -161,901 | -161,886 | -161,878 | -161,879 | -161,883 | -161,882 | -161,915 | -161,946 | -161,969 | 7,336 | 7,313 | 7,289 | 7,265 | 7,243 | 7,219 | 7,198 | 7,176 |
| Landfill (CD&E) | -67,652 | -79,243 | -88,477 | -91,675 | -100,769 | -91,976 | -92,289 | -92,724 | -61,394 | -61,812 | -62,730 | -63,593 | -64,342 | -65,098 | -65,853 | -66,636 | -67,198 | -67,757 | -68,312 | -68,864 | -69,412 |
| Energy from waste | -15,720 | -13,183 | -10,639 | -8,141 | -5,639 | -2,416 | 879 | 4,212 | 7,624 | 11,078 | 14,671 | 18,317 | 22,069 | 25,877 | 29,794 | 33,769 | 36,869 | 40,034 | 43,261 | 46,552 | 49,911 |
| Thermal Treatment | | | | | | | | | | | | | | | | | | | | | |
| (without energy | | | | | | | | | | | | | | | | | | | | | |
| recovery) | 4,467 | 4,275 | 4,085 | 3,835 | 3,576 | 3,577 | 3,573 | 3,566 | 3,557 | 3,549 | 3,524 | 3,500 | 3,480 | 3,460 | 3,440 | 3,418 | 3,397 | 3,376 | 3,355 | 3,334 | 3,313 |
| | -11,253 | -8,908 | -6,554 | -4,306 | -2,063 | 1,161 | 4,452 | 7,778 | 11,181 | 14,627 | 18,195 | 21,817 | 25,549 | 29,337 | 33,234 | 37,187 | 40,266 | 43,410 | 46,616 | 49,886 | 53,224 |
| | | | | | | | | | | | | | | | | | | | | | |
| Recycling (C+I, Agri) | 109,162 | 114,469 | 119,935 | 124,527 | 128,473 | 131,202 | 133,840 | 136,321 | 138,804 | 141,302 | 143,683 | 146,084 | 148,740 | 151,366 | 154,126 | 156,835 | 157,712 | 158,607 | 159,522 | 160,455 | 161,405 |
| Recycling (C+D) | 88,182 | 92,165 | 96,341 | 99,586 | 102,063 | 103,618 | 105,086 | 106,374 | 107,648 | 108,941 | 109,684 | 110,403 | 111,276 | 112,083 | 112,907 | 113,639 | 112,902 | 112,169 | 111,441 | 110,717 | 109,998 |
| Recycling (Metals) | -32,401 | -31,182 | -29,878 | -29,207 | -29,002 | -28,933 | -28,933 | -29,014 | -29,117 | -29,185 | -29,566 | -29,931 | -30,219 | -30,512 | -30,804 | -31,115 | -31,424 | -31,728 | -32,029 | -32,325 | -32,617 |
| Recycling | | | | | | | | | | | | | | | | | | | | | |
| (Hazardous) | 19,542 | 19,921 | 20,328 | 20,528 | 20,577 | 20,581 | 20,563 | 20,518 | 20,465 | 20,424 | 20,280 | 20,141 | 20,027 | 19,910 | 19,794 | 19,670 | 19,547 | 19,426 | 19,304 | 19,184 | 19,064 |
| Recycling (LACW) | 52,498 | 57,510 | 62,699 | 68,074 | 73,636 | 75,678 | 77,761 | 79,888 | 82,059 | 84,273 | 86,532 | 88,840 | 91,193 | 93,596 | 96,048 | 98,551 | 101,104 | 103,710 | 106,369 | 109,085 | 111,855 |
| Composting | 16,294 | 16,532 | 16,775 | 16,979 | 17,189 | 17,321 | 17,458 | 17,599 | 17,749 | 17,908 | 18,049 | 18,222 | 18,405 | 18,599 | 18,803 | 19,017 | 19,423 | 19,838 | 20,261 | 20,694 | 21,135 |
| Treatment plant | -82,951 | -82,531 | -82,088 | -81,759 | -81,434 | -81,381 | -81,339 | -81,304 | -81,273 | -81,238 | -81,217 | -81,192 | -81,155 | -81,118 | -81,075 | -81,034 | -80,993 | -80,950 | -80,906 | -80,861 | -80,815 |
| Other Treatment | 51,678 | 58,831 | 66,352 | 73,202 | 79,455 | 78,169 | 76,742 | 75,234 | 73,689 | 72,182 | 70,253 | 68,351 | 66,584 | 64,830 | 63,059 | 61,308 | 60,817 | 60,329 | 59,843 | 59,361 | 58,881 |
| Land recovery | -58,248 | -56,449 | -54,528 | -53,019 | -51,832 | -52,013 | -52,245 | -52,535 | -52,841 | -53,122 | -53,649 | -54,141 | -54,577 | -55,016 | -55,452 | -55,902 | -56,167 | -56,430 | -56,691 | -56,951 | -57,209 |

| Growth Option 4/ Ba | seline | | | | | | | | | | | | | | | | | | | | |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|
| Facility Type+A37 | Gap2016 | Gap2017 | Gap2018 | Gap2019 | Gap2020 | Gap2021 | Gap2022 | Gap2023 | Gap2024 | Gap2025 | Gap2026 | Gap2027 | Gap2028 | Gap2029 | Gap2030 | Gap2031 | Gap2032 | Gap2033 | Gap2034 | Gap2035 | Gap2036 |
| Landfill (C+I and | | | | | | | | | | | | | | | | | | | | | |
| LACW) | 97,294 | 98,825 | 100,436 | 101,500 | 102,205 | 102,815 | 103,359 | 103,844 | 104,463 | 105,121 | 133,568 | 134,210 | 134,889 | 135,580 | 136,318 | 137,061 | 137,822 | 138,603 | 139,404 | 140,225 | 141,066 |
| Landfill (Hazardous) | -218,070 | -217,952 | -217,825 | -217,765 | -161,996 | -162,001 | -162,013 | -162,033 | -162,047 | -162,057 | -162,090 | -162,119 | -162,144 | 7,156 | 7,130 | 7,103 | 7,076 | 7,050 | 7,025 | 7,001 | 6,977 |
| Landfill (CD&E) | -43,885 | -46,419 | -46,209 | -40,129 | -40,228 | -31,671 | -32,292 | -33,118 | -1,997 | -2,592 | -3,726 | -4,815 | -5,814 | -6,829 | -7,842 | -8,905 | -9,960 | -11,008 | -12,048 | -13,081 | -14,107 |
| Energy from waste | -16,134 | -13,592 | -10,990 | -8,336 | -5,626 | -2,852 | -18 | 2,881 | 5,846 | 8,880 | 11,985 | 15,160 | 18,407 | 21,727 | 25,124 | 28,596 | 32,148 | 35,781 | 39,494 | 43,293 | 47,178 |
| Thermal Treatment | | | | | | | | | | | | | | | | | | | | | |
| (without energy | | | | | | | | | | | | | | | | | | | | | |
| recovery) | 5,263 | 5,330 | 5,401 | 5,435 | 5,442 | 5,444 | 5,441 | 5,433 | 5,430 | 5,430 | 5,421 | 5,414 | 5,409 | 5,403 | 5,399 | 5,393 | 5,389 | 5,384 | 5,380 | 5,376 | 5,373 |
| | | | | | | | | | | | | | | | | | | | | | |
| Recycling (C+I, Agri) | 100,495 | 102,505 | 104,631 | 105,857 | 106,505 | 106,988 | 107,343 | 107,589 | 108,073 | 108,600 | 109,077 | 109,608 | 110,182 | 110,762 | 111,416 | 112,062 | 112,722 | 113,398 | 114,088 | 114,793 | 115,514 |
| Recycling (C+D) | 79,157 | 80,522 | 82,004 | 82,603 | 82,547 | 82,302 | 81,959 | 81,501 | 81,125 | 80,796 | 80,168 | 79,565 | 79,013 | 78,451 | 77,890 | 77,301 | 76,717 | 76,137 | 75,560 | 74,989 | 74,421 |
| Recycling (Metals) | -32,582 | -31,548 | -30,430 | -29,944 | -29,925 | -30,041 | -30,227 | -30,493 | -30,698 | -30,868 | -31,252 | -31,615 | -31,942 | -32,274 | -32,603 | -32,950 | -33,292 | -33,629 | -33,962 | -34,291 | -34,614 |
| Recycling | | | | | | | | | | | | | | | | | | | | | |
| (Hazardous) | 19,480 | 19,798 | 20,143 | 20,282 | 20,269 | 20,212 | 20,132 | 20,026 | 19,938 | 19,862 | 19,716 | 19,575 | 19,447 | 19,316 | 19,186 | 19,049 | 18,913 | 18,778 | 18,644 | 18,511 | 18,378 |
| Recycling (LACW) | 42,768 | 44,262 | 45,787 | 47,345 | 48,937 | 50,563 | 52,224 | 53,919 | 55,652 | 57,423 | 59,231 | 61,078 | 62,965 | 64,892 | 66,860 | 68,872 | 70,926 | 73,026 | 75,171 | 77,362 | 79,600 |
| Composting | 16,679 | 17,044 | 17,422 | 17,785 | 18,140 | 18,499 | 18,865 | 19,235 | 19,617 | 20,008 | 20,402 | 20,804 | 21,218 | 21,642 | 22,075 | 22,518 | 22,971 | 23,435 | 23,911 | 24,397 | 24,894 |
| Treatment plant | -83,733 | -83,580 | -83,414 | -83,336 | -83,319 | -83,321 | -83,333 | -83,357 | -83,367 | -83,373 | -83,401 | -83,426 | -83,445 | -83,465 | -83,483 | -83,503 | -83,522 | -83,540 | -83,557 | -83,575 | -83,591 |
| Other Treatment | 31,937 | 32,743 | 33,617 | 33,970 | 33,938 | 33,793 | 33,590 | 33,320 | 33,098 | 32,904 | 32,534 | 32,178 | 31,851 | 31,520 | 31,189 | 30,842 | 30,497 | 30,156 | 29,815 | 29,478 | 29,143 |
| Land recovery | -54,311 | -53,592 | -52,813 | -52,499 | -52,528 | -52,657 | -52,837 | -53,078 | -53,276 | -53,449 | -53,779 | -54,096 | -54,386 | -54,682 | -54,977 | -55,286 | -55,594 | -55,899 | -56,202 | -56,503 | -56,801 |

| Growth Option 4/ M | ax recylin | g | | | | | | | | | | | | | | | | | | | |
|-----------------------|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|
| Facility Type | Gap2016 | Gap2017 | Gap2018 | Gap2019 | Gap2020 | Gap2021 | Gap2022 | Gap2023 | Gap2024 | Gap2025 | Gap2026 | Gap2027 | Gap2028 | Gap2029 | Gap2030 | Gap2031 | Gap2032 | Gap2033 | Gap2034 | Gap2035 | Gap2036 |
| Landfill (C+I and | | | | | | | | | | | | | | | | | | | | | |
| LACW) | 74,167 | 67,645 | 60,996 | 53,766 | 46,169 | 44,663 | 43,108 | 41,515 | 40,005 | 38,468 | 64,761 | 63,182 | 61,654 | 60,101 | 58,560 | 57,008 | 57,309 | 57,621 | 57,941 | 58,270 | 58,610 |
| Landfill (Hazardous) | -218,070 | -217,952 | -217,825 | -217,765 | -161,996 | -162,001 | -162,013 | -162,033 | -162,047 | -162,057 | -162,090 | -162,119 | -162,144 | 7,156 | 7,130 | 7,103 | 7,076 | 7,050 | 7,025 | 7,001 | 6,977 |
| Landfill (CD&E) | -59,926 | -68,928 | -75,458 | -75,971 | -82,435 | -74,869 | -76,450 | -78,141 | -47,943 | -49,451 | -51,347 | -53,172 | -54,944 | -56,689 | -58,442 | -60,189 | -60,878 | -61,563 | -62,242 | -62,917 | -63,588 |
| Energy from waste | -25,992 | -27,094 | -28,381 | -29,812 | -31,426 | -29,402 | -27,338 | -25,229 | -23,059 | -20,840 | -18,554 | -16,214 | -13,824 | -11,381 | -8,878 | -6,319 | -3,705 | -1,031 | 1,700 | 4,493 | 7,347 |
| Thermal Treatment | | | | | | | | | | | | | | | | | | | | | |
| (without energy | | | | | | | | | | | | | | | | | | | | | |
| recovery) | 4,455 | 4,253 | 4,052 | 3,792 | 3,522 | 3,513 | 3,499 | 3,480 | 3,465 | 3,452 | 3,426 | 3,402 | 3,380 | 3,357 | 3,334 | 3,310 | 3,287 | 3,263 | 3,240 | 3,217 | 3,194 |
| | -21,537 | -22,841 | -24,329 | -26,020 | -27,904 | -25,889 | -23,839 | -21,749 | -19,594 | -17,388 | -15,128 | -12,812 | -10,444 | -8,024 | -5,544 | -3,009 | -418 | 2,232 | 4,940 | 7,710 | 10,541 |
| | | | | | | | | | | | | | | | | | | | | | |
| Recycling (C+I, Agri) | 117,134 | 124,900 | 132,964 | 140,074 | 146,525 | 148,865 | 151,089 | 153,134 | 155,509 | 157,905 | 160,249 | 162,624 | 165,099 | 167,545 | 170,124 | 172,653 | 173,385 | 174,137 | 174,907 | 175,696 | 176,505 |
| Recycling (C+D) | 99,897 | 107,820 | 116,097 | 123,326 | 129,603 | 130,731 | 131,727 | 132,499 | 133,417 | 134,367 | 134,846 | 135,311 | 135,872 | 136,366 | 136,875 | 137,283 | 136,271 | 135,266 | 134,268 | 133,278 | 132,294 |
| Recycling (Metals) | -32,582 | -31,548 | -30,430 | -29,944 | -29,925 | -30,041 | -30,227 | -30,493 | -30,698 | -30,868 | -31,252 | -31,615 | -31,942 | -32,274 | -32,603 | -32,950 | -33,292 | -33,629 | -33,962 | -34,291 | -34,614 |
| Recycling | | | | | | | | | | | | | | | | | | | | | |
| (Hazardous) | 19,480 | 19,798 | 20,143 | 20,282 | 20,269 | 20,212 | 20,132 | 20,026 | 19,938 | 19,862 | 19,716 | 19,575 | 19,447 | 19,316 | 19,186 | 19,049 | 18,913 | 18,778 | 18,644 | 18,511 | 18,378 |
| Recycling (LACW) | 60,288 | 68,156 | 76,335 | 84,837 | 93,673 | 96,316 | 99,017 | 101,776 | 104,596 | 107,479 | 110,425 | 113,436 | 116,513 | 119,656 | 122,869 | 126,154 | 129,510 | 132,941 | 136,448 | 140,032 | 143,695 |
| Composting | 16,347 | 16,598 | 16,856 | 17,076 | 17,301 | 17,454 | 17,614 | 17,782 | 17,962 | 18,151 | 18,327 | 18,536 | 18,756 | 18,988 | 19,231 | 19,487 | 19,930 | 20,383 | 20,847 | 21,320 | 21,805 |
| Treatment plant | -83,787 | -83,662 | -83,534 | -83,484 | -83,481 | -83,292 | -83,109 | -82,934 | -82,742 | -82,544 | -82,334 | -82,136 | -81,932 | -81,725 | -81,510 | -81,293 | -81,261 | -81,227 | -81,193 | -81,158 | -81,121 |
| Other Treatment | 31,292 | 31,078 | 30,887 | 30,162 | 29,090 | 28,563 | 27,978 | 27,346 | 26,751 | 26,193 | 25,477 | 24,789 | 24,122 | 23,464 | 22,804 | 22,144 | 21,861 | 21,581 | 21,302 | 21,026 | 20,751 |
| Land recovery | -58,374 | -56,708 | -54,927 | -53,563 | -52,528 | -52,657 | -52,837 | -53,078 | -53,276 | -53,449 | -53,779 | -54,096 | -54,386 | -54,682 | -54,977 | -55,286 | -55,594 | -55,899 | -56,202 | -56,503 | -56,801 |

| Growth Option 4/ Median Recyling | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|
| Facility Type | Gap2016 | Gap2017 | Gap2018 | Gap2019 | Gap2020 | Gap2021 | Gap2022 | Gap2023 | Gap2024 | Gap2025 | Gap2026 | Gap2027 | Gap2028 | Gap2029 | Gap2030 | Gap2031 | Gap2032 | Gap2033 | Gap2034 | Gap2035 | Gap2036 |
| Landfill (C+I and | | | | | | | | | | | | | | | | | | | | | |
| LACW) | 78,469 | 73,440 | 68,381 | 62,681 | 56,577 | 54,534 | 52,402 | 50,226 | 48,112 | 46,004 | 71,630 | 69,410 | 67,193 | 64,955 | 62,690 | 60,414 | 60,555 | 60,709 | 60,869 | 61,040 | 61,220 |
| Landfill (Hazardous) | -218,070 | -217,952 | -217,825 | -217,765 | -161,996 | -162,001 | -162,013 | -162,033 | -162,047 | -162,057 | -162,090 | -162,119 | -162,144 | 7,156 | 7,130 | 7,103 | 7,076 | 7,050 | 7,025 | 7,001 | 6,977 |
| Landfill (CD&E) | -68,054 | -79,990 | -89,514 | -92,944 | -102,217 | -93,708 | -94,305 | -95,023 | -63,850 | -64,425 | -65,345 | -66,211 | -67,019 | -67,835 | -68,647 | -69,484 | -70,107 | -70,726 | -71,340 | -71,950 | -72,556 |
| Energy from waste | -15,302 | -12,632 | -9,961 | -7,340 | -4,721 | -1,351 | 2,095 | 5,588 | 9,194 | 12,851 | 16,642 | 20,498 | 24,449 | 28,461 | 32,592 | 36,787 | 40,125 | 43,535 | 47,017 | 50,576 | 54,210 |
| Thermal Treatment | | | | | | | | | | | | | | | | | | | | | 1 |
| (without energy | | | | | | | | | | | | | | | | | | | | | 1 |
| recovery) | 4,455 | 4,253 | 4,052 | 3,792 | 3,522 | 3,513 | 3,499 | 3,480 | 3,465 | 3,452 | 3,426 | 3,402 | 3,380 | 3,357 | 3,334 | 3,310 | 3,287 | 3,263 | 3,240 | 3,217 | 3,194 |
| | | | | | | | | | | | | | | | | | | | | | 1 |
| Recycling (C+I, Agri) | 108,794 | 113,722 | 118,798 | 122,985 | 126,515 | 128,827 | 131,041 | 133,088 | 135,443 | 137,814 | 140,150 | 142,512 | 144,968 | 147,395 | 149,950 | 152,456 | 153,165 | 153,891 | 154,634 | 155,395 | 156,175 |
| Recycling (C+D) | 87,890 | 91,567 | 95,424 | 98,337 | 100,469 | 101,678 | 102,790 | 103,714 | 104,759 | 105,818 | 106,507 | 107,173 | 107,920 | 108,602 | 109,298 | 109,904 | 109,087 | 108,276 | 107,470 | 106,671 | 105,877 |
| Recycling (Metals) | -32,582 | -31,548 | -30,430 | -29,944 | -29,925 | -30,041 | -30,227 | -30,493 | -30,698 | -30,868 | -31,252 | -31,615 | -31,942 | -32,274 | -32,603 | -32,950 | -33,292 | -33,629 | -33,962 | -34,291 | -34,614 |
| Recycling | | | | | | | | | | | | | | | | | | | | | |
| (Hazardous) | 19,480 | 19,798 | 20,143 | 20,282 | 20,269 | 20,212 | 20,132 | 20,026 | 19,938 | 19,862 | 19,716 | 19,575 | 19,447 | 19,316 | 19,186 | 19,049 | 18,913 | 18,778 | 18,644 | 18,511 | 18,378 |
| Recycling (LACW) | 52,845 | 58,001 | 63,349 | 68,896 | 74,649 | 76,860 | 79,119 | 81,425 | 83,783 | 86,193 | 88,655 | 91,171 | 93,741 | 96,368 | 99,051 | 101,795 | 104,597 | 107,462 | 110,390 | 113,381 | 116,439 |
| Composting | 16,347 | 16,598 | 16,856 | 17,076 | 17,301 | 17,454 | 17,614 | 17,782 | 17,962 | 18,151 | 18,327 | 18,536 | 18,756 | 18,988 | 19,231 | 19,487 | 19,930 | 20,383 | 20,847 | 21,320 | 21,805 |
| Treatment plant | -82,979 | -82,585 | -82,166 | -81,861 | -81,560 | -81,534 | -81,517 | -81,509 | -81,484 | -81,456 | -81,436 | -81,412 | -81,384 | -81,356 | -81,324 | -81,293 | -81,261 | -81,227 | -81,193 | -81,158 | -81,121 |
| Other Treatment | 51,460 | 58,360 | 65,591 | 72,115 | 78,005 | 76,454 | 74,770 | 73,011 | 71,341 | 69,716 | 67,814 | 65,940 | 64,149 | 62,374 | 60,586 | 58,819 | 58,275 | 57,734 | 57,198 | 56,664 | 56,136 |
| Land recovery | -58,374 | -56,708 | -54,927 | -53,563 | -52,528 | -52,843 | -53,209 | -53,633 | -54,013 | -54,366 | -54,892 | -55,382 | -55,844 | -56,308 | -56,770 | -57,242 | -57,536 | -57,827 | -58,117 | -58,404 | -58,688 |

Appendix 4: Capacity Requirements by waste management type

This appendix presents information on the estimated capacity required per waste stream by waste type over the plan period. the results are presented by Growth option with each option presenting the 3 different recycling scenarios.

No Growth

| Processing Service Process | | OWLII | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------------------------------------------------|
| Particul Value March Value Val | No Growth/ Baseline recyclin | , | | | | | | | | | | | | | | | | | | | | | |
| Secretary Name Secretary 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 48,607 | Waste type | | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 |
| Patent Water Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Patent Pa | | | | | | | | | | | | | | | | | | | | | | | [|
| Patent Water Pate | | | | | | | | | | | | | | | | | | | | | | | 45,461 |
| Part Name | | | | | | | | | | | | | | | | | | | , , | | | | 72,737 |
| Page | | — · | | | | | | | | | , | | | | | | | | , | | | | 1,818 |
| Part | | , , , , | . , | . , | . , | | . , | 0.,000 | - , , | . , | . , | - , | . , | - , , | | . , | | . , | . , | | - , , | . , | 54,553 |
| Page | | | | | | | | | | | | | | | | | | | | | | | 1,818 |
| Commercial Waste | | | 5,455 | 5,455 | 5,455 | 5,455 | 5,455 | 5,455 | 5,455 | 5,455 | 5,455 | 5,455 | 5,455 | 5,455 | 5,455 | 5,455 | 5,455 | 5,455 | 5,455 | 5,455 | 5,455 | 5,455 | 5,455 |
| Commental Water Comment Commen | Industrial Waste | | - | - | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| Commercial Waster Comm | | , | 50.054 | 50.054 | 50.054 | 50.054 | 50.054 | 50.054 | 50.054 | 50.054 | 50.054 | 50.054 | 50.054 | 50.054 | 50.054 | 50.054 | 50.054 | 50.054 | 50.054 | 50.054 | 50.054 | 50.054 | 50.054 |
| Commercial Water Commercial | Commercial Waste | | 56,054 | 56,054 | 56,054 | 56,054 | 56,054 | 56,054 | 56,054 | 56,054 | 56,054 | 56,054 | 56,054 | 56,054 | 56,054 | 56,054 | 56,054 | 56,054 | 56,054 | 56,054 | 56,054 | 56,054 | 56,054 |
| December | Commercial Wests | | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 1,808 |
| Commercial Wasto 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1 | Commercial waste | | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 |
| Commencial Waste Recovery 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 1,800 | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Commental Waster Composition Commental Waster Commental Was | C | | 4 000 | 4 000 | 4 000 | 4 000 | 4 000 | 4 000 | 4 000 | 4 000 | 4 000 | 4 000 | 4 000 | 4 000 | 4 000 | 4 000 | 4 000 | 4 000 | 4 000 | 4 000 | 4 000 | 4 000 | 1.808 |
| Commenced Waste Teachment prior 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 3.616 | | 100010137 | | | | | | | | | | | | | | | | | | | | | 1,808 |
| Commenced Waste Commenced Waste Contraction and Dennition Contraction and Dennition and Dennition Contraction and Dennition Contra | | ,. 3 (- , 3 / | 111,533 | 117,033 | 117,033 | 111,033 | 111,033 | 117,533 | 117,533 | 117,533 | 117,533 | 117,533 | 117,033 | 117,033 | 111,033 | 117,033 | 117,533 | 117,533 | 111,533 | 117,533 | 117,533 | 111,533 | 111,533 |
| Commencinal Waste | | 3 | 3 616 | 3 616 | 3 616 | 3 616 | 3 616 | 3 616 | 3 616 | 3 616 | 3 616 | 3 616 | 3 616 | 3 616 | 3 616 | 3 616 | 3 616 | 3 616 | 3 616 | 3 616 | 3 616 | 3 616 | 3,616 |
| Construction and Denotition Visite Landill (CDAE) 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10,010 10 | | | 3,016 | 3,016 | 3,016 | 3,016 | 3,016 | 3,010 | 3,016 | 3,016 | 3,010 | 3,016 | 3,016 | 3,016 | 3,016 | 3,016 | 3,010 | 3,016 | 3,010 | 3,016 | 3,016 | 3,016 | 3,016 |
| Waste Landill (CD&E) 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10.010 10. | | DOITE KNOW | 1 | - | | - | | 1 | | | | - | | - | - | _ | - | | | | | | |
| Constitution and Demolition Recycling (frents 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,255 24,25 | | Landfill (CD&E) | 10.010 | 10.010 | 10.010 | 10.010 | 10.010 | 10.010 | 10.010 | 10.010 | 10.010 | 10.010 | 10.010 | 10.010 | 10.010 | 10.010 | 10.010 | 10.010 | 10.010 | 10.010 | 10.010 | 10.010 | 10,010 |
| Waste — 0-D — 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 = 24.255 | TTGGTG | | 10,010 | 10,010 | 10,010 | 10,010 | 10,010 | 10,010 | 10,010 | 10,010 | 10,010 | 10,010 | 10,010 | 10,010 | 10,010 | 10,010 | 10,010 | 10,010 | 10,010 | 10,010 | 10,010 | 10,010 | 10,010 |
| Constitution and Demolfton Waste Other Treatment 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42,736 42 | | | 24 255 | 24 255 | 24 255 | 24 255 | 24 255 | 24 255 | 24 255 | 24 255 | 24 255 | 24 255 | 24 255 | 24 255 | 24 255 | 24 255 | 24 255 | 24 255 | 24 255 | 24 255 | 24 255 | 24 255 | 24,255 |
| Waste Other Treatment 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42,735 42 | | 0+0) | 24,200 | 24,200 | 24,200 | 24,200 | 24,200 | 24,200 | 24,200 | 24,200 | 24,200 | 24,200 | 24,200 | 24,255 | 24,200 | 24,200 | 24,200 | 24,200 | 24,200 | 24,200 | 24,200 | 24,200 | 24,200 |
| Excention Waste Aurofit (CASE) 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 127,440 | | Other Treatment | 42 735 | 42 735 | 42 735 | 42 735 | 42 735 | 42 735 | 42 735 | 42 735 | 42 735 | 42 735 | 42 735 | 42 735 | 42 735 | 42 735 | 42 735 | 42 735 | 42 735 | 42 735 | 42 735 | 42 735 | 42.735 |
| Excreation Waste C+D) | | | | , | , | , | , | | , | | | | | | | | , | | , | | | | 127,440 |
| Excession Waste Christ Tendement 2,100 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,840 51,84 | Executation Waste | | 121,110 | 127,110 | 121,110 | 121,110 | 127,110 | 127,110 | 127,110 | 127,110 | 127,110 | 127,110 | 121,110 | 127,110 | 127,110 | 127,110 | 127,110 | 127,110 | 121,110 | 127,110 | 127,110 | 121,110 | .2., |
| Excention Waste | Excavation Waste | | 51 840 | 51 840 | 51 840 | 51 840 | 51 840 | 51 840 | 51 840 | 51 840 | 51 840 | 51 840 | 51 840 | 51 840 | 51 840 | 51 840 | 51 840 | 51 840 | 51 840 | 51 840 | 51 840 | 51 840 | 51.840 |
| Exception Waste Land recovery 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34,560 34, | | - / | | | | | | | | | | | | | | | | | | | | | 2,160 |
| Agricultural Waste By-Product) 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 | | | | | | | | | | | | | | | | | | | | | | | 34,560 |
| Agricultural Waste By-Product 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1 | Executation Waste | | 0.,000 | 01,000 | 0 1,000 | 01,000 | 0 1,000 | 01,000 | 01,000 | 01,000 | 01,000 | 0 1,000 | 0 1,000 | 0 1,000 | 01,000 | 01,000 | 0 1,000 | 01,000 | 0.,000 | 01,000 | 01,000 | 0 1,000 | 0.,000 |
| Agricultural Waste Recycling (CH. Agri) 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 1,253 | Agricultural Waste | | 1.725 | 1.725 | 1.725 | 1.725 | 1.725 | 1.725 | 1.725 | 1.725 | 1.725 | 1.725 | 1.725 | 1.725 | 1.725 | 1.725 | 1.725 | 1.725 | 1.725 | 1.725 | 1.725 | 1.725 | 1,725 |
| Agricultural Waste Treatment plant 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1 | 3 | ,, | | | | | | | | | | | | | | | | | | | | | 1,253 |
| LACW (Other) LACW | | | | | | | 1,034 | | | | 1,034 | | | | | | | | | | | | 1,034 |
| LACW (Other) LACW | 3 | Landfill (C+I and | , , | , | | , , , | ,,,, | , , | , | , | ,,,, | ,,,, | , , , , | , | , | , | , | , | , | , | , | ,,,, | |
| LACW (Other) Lacor (Other) Lacor (Interrupt recovery) 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 1,260 | LACW (Other) | | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 |
| LACW (Other) Recycling (LACW) 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,695 15,694 15,699 15,699 15,695 15,694 15,699 15,699 15,695 15,694 15,699 15,695 15,694 15,699 15,699 15,699 15,695 15,694 15,699 15,699 15,699 15,695 15,694 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,699 15,695 15,694 15,699 15,699 15,695 15,695 15,695 15,695 15,695 15,695 15,695 15,695 15,695 15,695 15,695 15,695 15,695 15,695 15,695 15,695 15,695 15,695 15,695 15,695 15,695 15,695 15,695 15,695 15,695 15,695 15,695 15,695 15,695 15,695 15, | , | Thermal Treatment | | | | | | | | | | | | | | | | | | | | | |
| Hazardous waste Landfill (Hazardous) 5,864 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 5,854 | LACW (Other) | (energy recovery) | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 |
| Hazardous waste Cenergy recovery 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 327 | LACW (Other) | Recycling (LACW) | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 |
| Hazardous waste (energy recovery) 327 327 327 327 327 327 327 327 327 327 | Hazardous waste | Landfill (Hazardous) | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 |
| Thermal Treatment (without energy 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3, | | Thermal Treatment | | | | | | | | | | | | | | | | | | | | | |
| Hazardous waste recovery 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3 | Hazardous waste | (energy recovery) | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 |
| Hazardous waste recovery) 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,077 3,07 | | Thermal Treatment | | | | | | | | | | | | | | | | | | | | | |
| Hazardous waste Characteristic Hazardous Hazardous 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,70 | | (without energy | | | | | | | | | | | | | | | | | | | | | 1 |
| Hazardous waste (Hazardous) 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17,706 17 | Hazardous waste | recovery) | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 |
| Hazardous waste Treatment plant 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,552 5,55 | | Recycling | | | | | | | | | | | | | | | | | | | | | |
| LaCW (H) | Hazardous waste | (Hazardous) | | | | | | | | | | | | | | | | | | | | | 17,706 |
| LACW (H) LACW) 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 15,236 1 | Hazardous waste | Treatment plant | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 |
| Thermal Treatment (energy recovery) 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,39 | | Landfill (C+I and | | | | | | | | | | | | | | | | | | | | | 1 |
| LACW (H) (energy recovery) 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102,395 102 | LACW (H) | | 15,236 | 15,236 | 15,236 | 15,236 | 15,236 | 15,236 | 15,236 | 15,236 | 15,236 | 15,236 | 15,236 | 15,236 | 15,236 | 15,236 | 15,236 | 15,236 | 15,236 | 15,236 | 15,236 | 15,236 | 15,236 |
| LACW (H) Recycling (LACW) 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 29,755 | | | | | | | | | | | | | | | | | | | | | | | 7 |
| LACW (H) Composing 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,588 13,5 | | (energy recovery) | | . , | | | . , | | | | . , | - , | | | | | | | | | . , | | 102,395 |
| LACW Secondary Landfill (Hazardous) 532 532 532 532 532 532 532 532 532 532 | - \ / | ,. 3(. , | | | | | | | | | | | | | | | | | | | | | 29,755 |
| | - 17 | J | | -, | - 1 | -, | -, | -, | -, | -, | -, | -, | | | -, | | -, | | -, | -, | -, | -, | 13,588 |
| ACW Secondary Recycling (LACW) 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 24 979 2 | LACW Secondary | Landfill (Hazardous) | | | | | | | | | | | | | | | | | | | | | 532 |
| | LACW Secondary | Recycling (LACW) | 24,979 | 24,979 | 24,979 | 24,979 | 24,979 | 24,979 | 24,979 | 24,979 | 24,979 | 24,979 | 24,979 | 24,979 | 24,979 | 24,979 | 24,979 | 24,979 | 24,979 | 24,979 | 24,979 | 24,979 | 24,979 |
| LACW Secondary Recycling (Metals) 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2,223 2, | LACW Secondary | Recycling (Metals) | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 |

| No Growth /Max recycling | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---------------------------|----------------|----------------|---------|---------|---------|---------|----------------|----------------|---------|---------|---------|---------|-----------------|---------|---------|---------|----------------|---------|---------|----------------|-----------------|
| Waste Type | Facility Type | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 |
| | Landfill (C+I and | | | | | | | | | | | | | | | | | | | | | 1 ' |
| Industrial Waste | LACW) | 38,442 | 36,114 | 33,768 | 31,441 | 29,095 | 28,440 | 27,767 | 27,113 | 26,458 | 25,785 | 25,131 | 24,458 | 23,803 | 23,149 | 22,476 | 21,821 | 21,821 | 21,821 | 21,821 | 21,821 | 21,821 |
| Industrial Waste | Recycling (C+I, Agri) | 80,538 | 83,120 | 85,721 | 88,321 | 90,922 | 91,740 | 92,576 | 93,395 | 94,231 | 95,049 | 95,886 | 96,704 | 97,541 | 98,359 | 99,195 | 100,014 | 100,014 | 100,014 | 100,014 | 100,014 | 100,014 |
| Industrial Waste | Composting | 1,818 | 1,818 | 1,818 | 1,818 | 1,818 | 1,655 | 1,491 | 1,327 | 1,164 | 1,000 | 818 | 655 | 491 | 327 | 164 | 0 | 0 | 0 | 0 | 0 | 0 |
| Industrial Waste | Recycling (Metals) | 54,553 | 54,553 | 54,553 | 54,553 | 54,553 | 54,553 | 54,553 | 54,553 | 54,553 | 54,553 | 54,553 | 54,553 | 54,553 | 54,553 | 54,553 | 54,553 | 54,553 | 54,553 | 54,553 | 54,553 | 54,553 |
| Industrial Waste | Treatment plant | 1,037 | 782 | 527 | 255 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Industrial Waste | Land recovery | 5,455 | 5,455 | 5,455 | 5,455 | 5,455 | 5,455 | 5,455 | 5,455 | 5,455 | 5,455 | 5,455 | 5,455 | 5,455 | 5,455 | 5,455 | 5,455 | 5,455 | 5,455 | 5,455 | 5,455 | 5,455 |
| Industrial Waste | Don't know | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Landfill (C+I and | | | | | | | | | | | | | | | | | | | | | , |
| Commercial Waste | LACW) | 44,427 | 40,558 | 36,688 | 32,801 | 28,931 | 27,937 | 26,960 | 25,966 | 24,989 | 23,995 | 23,018 | 22,024 | 21,047 | 20,053 | 19,077 | 18,082 | 18,082 | 18,082 | 18,082 | 18,082 | 18,082 |
| | Thermal Treatment | | | | | | | | | | | | · | · | | | | | | | | |
| Commercial Waste | (energy recovery) | 5,678 | 6,980 | 8,263 | 9,565 | 10,849 | 10,849 | 10,849 | 10,849 | 10,849 | 10,849 | 10,849 | 10,849 | 10,849 | 10,849 | 10,849 | 10,849 | 10,849 | 10,849 | 10,849 | 10,849 | 10,849 |
| | Thermal Treatment | , | ,,,,,, | | ., | | | - 7, | | -,- | | ., | -, | | | | | | | | | |
| | (without energy | | | | | | | | | | | | | | | | | | | | | 1 ' |
| Commercial Waste | recovery) | 1.031 | 778 | 524 | 253 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Commercial Waste | Recycling (C+I, Agri) | 125,290 | 127,858 | 130,444 | 133,029 | 135,615 | 136,429 | 137,260 | 138,074 | 138,906 | 139,720 | 140,551 | 141,365 | 142,197 | 143,011 | 143,842 | 144.656 | 144.656 | 144,656 | 144.656 | 144,656 | 144,656 |
| Commercial Waste | Composting | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Commercial Waste | Treatment plant | 4.394 | 4.647 | 4,900 | 5.171 | 5,425 | 5.587 | 5.750 | 5.913 | 6.076 | 6,238 | 6.419 | 6,582 | 6.745 | 6.907 | 7.070 | 7,233 | 7.233 | 7,233 | 7,233 | 7.233 | 7,233 |
| Commercial Waste | Don't know | 0 | .,0 | .,000 | 0, | 0,120 | 0,007 | 0,700 | 0,0.0 | 0,0.0 | 0,200 | 0,110 | 0,002 | 0,7.10 | 0,007 | 0.,0.0 | 0 | 0 | 0 | 0 | 0 | 1,200 |
| Construction and Demolition | Don't know | | Ů | ŭ | Ů | | Ü | Ů | Ů | - i | Ů | U | Ů | , | | | · | Ŭ | Ü | Ü | | <u>~</u> |
| Waste | Landfill (CD&E) | 9.017 | 8,693 | 8,362 | 8,031 | 7,700 | 7,700 | 7,700 | 7,700 | 7,700 | 7,700 | 7,700 | 7,700 | 7,700 | 7,700 | 7,700 | 7,700 | 7,700 | 7,700 | 7,700 | 7,700 | 7,700 |
| Construction and Demolition | Recycling (Inerts | 3,017 | 0,000 | 0,302 | 0,001 | 7,700 | 7,700 | 1,100 | 7,700 | 7,700 | 7,700 | 1,100 | 7,700 | 7,700 | 7,700 | 7,700 | 7,700 | 7,700 | 7,700 | 7,700 | 7,700 | 7,700 |
| Waste | C+D) | 27.058 | 27.997 | 28.929 | 29.868 | 30.800 | 31,146 | 31,501 | 31.847 | 32,201 | 32.548 | 32.902 | 33,249 | 33.603 | 33.949 | 34.304 | 34.650 | 34.650 | 34.650 | 34.650 | 34,650 | 34,650 |
| Construction and Demolition | C+D) | 21,030 | 21,551 | 20,929 | 23,000 | 30,000 | 31,140 | 31,301 | 31,047 | 32,201 | 32,340 | 32,302 | 33,243 | 33,003 | 33,343 | 34,304 | 34,030 | 34,030 | 34,030 | 34,030 | 34,030 | 34,030 |
| Waste | Other Treatment | 40,918 | 40,317 | 39,709 | 39,108 | 38,500 | 38,154 | 37,799 | 37,453 | 37,099 | 36,752 | 36,398 | 36,051 | 35,697 | 35,351 | 34,996 | 34,650 | 34,650 | 34,650 | 34,650 | 34,650 | 34,650 |
| Excavation Waste | Landfill (CD&E) | 113.854 | 108.626 | 103,378 | 98,129 | 92.880 | 91,908 | 90.914 | 89.942 | 88.949 | 87,977 | 86,983 | 86,011 | 85.018 | 84.046 | 83.052 | 82,080 | 82,080 | 82,080 | 82.080 | 82,080 | 82,080 |
| Excavation waste | (, | 113,004 | 100,020 | 103,376 | 90, 129 | 92,000 | 91,906 | 90,914 | 09,942 | 00,949 | 01,911 | 00,903 | 00,011 | 00,010 | 04,040 | 63,032 | 02,000 | 02,000 | 02,000 | 02,000 | 02,000 | 02,000 |
| Function Wests | Recycling (Inerts C+D) | 67,889 | 72,511 | 77.134 | 81,778 | 86,400 | 87,372 | 88,366 | 89.338 | 90.331 | 91.303 | 92,297 | 93,269 | 04.000 | 95.234 | 96,228 | 97,200 | 97,200 | 97,200 | 97,200 | 97,200 | 07 200 |
| Excavation Waste Excavation Waste | Other Treatment | 3,391 | 3,089 | 2,786 | 2.462 | 2,160 | 2,160 | 2,160 | 2,160 | 2,160 | 2,160 | 2,160 | 2,160 | 94,262 2,160 | 2,160 | 2,160 | 2,160 | 2,160 | 2,160 | 2,160 | 2,160 | 97,200 2,160 |
| Excavation Waste | | 30.866 | 31,774 | 32,702 | 33.631 | 34.560 | 34,560 | 34.560 | 34.560 | 34.560 | 34,560 | 34.560 | 34,560 | 34,560 | 34,560 | 34,560 | 34,560 | 34,560 | 34,560 | 34.560 | 34.560 | 34,560 |
| Excavation waste | Land recovery | 30,800 | 31,774 | 32,702 | 33,031 | 34,300 | 34,360 | 34,000 | 34,560 | 34,360 | 34,360 | 34,500 | 34,360 | 34,360 | 34,560 | 34,560 | 34,560 | 34,360 | 34,560 | 34,560 | 34,300 | 34,500 |
| A | Incineration (Animal | 4 705 | 4 705 | 4 705 | 4 705 | 4 705 | 4 705 | 4 705 | 4 705 | 4 705 | 4 705 | 4 705 | 4 705 | 4 705 | 4 705 | 4 705 | 4 705 | 4 705 | 4 705 | 4 705 | 4 705 | 4 705 |
| Agricultural Waste | By-Product) | 1,725 1,253 | 1,725 1,253 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 1,253 | 1,725 1,253 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 1,253 | 1,725 | 1,725 | 1,725 1,253 | 1,725 1,253 |
| Agricultural Waste | Recycling (C+I, Agri) | | | 1,253 | 1,253 | 1,253 | 1,253 | _ | | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | | 1,253 | 1,253 | | |
| Agricultural Waste | Treatment plant | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 |
| 1.4014 (01) | Landfill (C+I and | | | | | | | | | | | | | | | | | | | | | l' |
| LACW (Other) | LACW) | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 |
| | Thermal Treatment | | | | | | | | | | | | | | | | | | | | | 1 |
| LACW (Other) | (energy recovery) | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 |
| LACW (Other) | Recycling (LACW) | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 |
| Hazardous waste | Landfill (Hazardous) | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 |
| | Thermal Treatment | | | | | | | | | | | | | | | | | | | | | 1 ' |
| Hazardous waste | (energy recovery) | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 |
| | Thermal Treatment | | | | | | | | | | | | | | | | | | | | | , ' |
| | (without energy | | | | | | | | | | | | | | | | | | | | | 1 ' |
| Hazardous waste | recovery) | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 |
| | Recycling | | | | | | | | | | | | | | | | | | | | | 1 ' |
| Hazardous waste | (Hazardous) | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 | 17,706 |
| Hazardous waste | Treatment plant | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 |
| | Landfill (C+I and | | | | | | | | | | | | | | | | | | | | | 1 ' |
| LACW (H) | LACW) | 12,154 | 11,123 | 10,109 | 9,079 | 8,049 | 8,049 | 8,049 | 8,049 | 8,049 | 8,049 | 8,049 | 8,049 | 8,049 | 8,049 | 8,049 | 8,049 | 8,049 | 8,049 | 8,049 | 8,049 | 8,049 |
| | Thermal Treatment | | T | T | | | | | \neg | T | | | | | | | | | | | | ı 7 |
| LACW (H) | (energy recovery) | 89,550 | 85,284 | 81,002 | 76,720 | 72,438 | 72,438 | 72,438 | 72,438 | 72,438 | 72,438 | 72,438 | 72,438 | 72,438 | 72,438 | 72,438 | 72,438 | 72,438 | 72,438 | 72,438 | 72,438 | 72,438 |
| LACW (H) | Recycling (LACW) | 45,974 | 51,383 | 56,792 | 62,200 | 67,609 | 67,609 | 67,609 | 67,609 | 67,609 | 67,609 | 67,609 | 67,609 | 67,609 | 67,609 | 67,609 | 67,609 | 67,609 | 67,609 | 67,609 | 67,609 | 67,609 |
| LACW (H) | Composting | 13,280 | 13,184 | 13,087 | 12,975 | 12,878 | 12,878 | 12,878 | 12,878 | 12,878 | 12,878 | 12,878 | 12,878 | 12,878 | 12,878 | 12,878 | 12,878 | 12,878 | 12,878 | 12,878 | 12,878 | 12,878 |
| LACW Secondary | Landfill (Hazardous) | 532 | 532 | 532 | 532 | 532 | 532 | 532 | 532 | 532 | 532 | 532 | 532 | 532 | 532 | 532 | 532 | 532 | 532 | 532 | 532 | 532 |
| LACW Secondary | Recycling (LACW) | 24,979 | 24,979 | 24,979 | 24.979 | 24.979 | 24.979 | 24.979 | 24.979 | 24,979 | 24,979 | 24,979 | 24,979 | 24.979 | 24.979 | 24.979 | 24.979 | 24.979 | 24,979 | 24.979 | 24,979 | 24,979 |
| LACW Secondary | Recycling (Metals) | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 |
| | , 0 | _,0 | _,0 | _,0 | _, | _, | _, | _, | _,0 | _,0 | _,0 | _, | _, | -,-20 | _, | _, | -,-20 | _, | _,0 | _, | _, | _, |

| No Growth /Median recyling | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|-------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------------|---------|---------|
| Waste Type | Facility Type | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 |
| | Landfill (C+I and | | | | | | | | | | | | | | | | | | | | | |
| Industrial Waste | LACW) | 42,351 | 41,297 | 40,260 | 39,224 | 38,187 | 37,696 | 37,187 | 36,696 | 36,205 | 35,714 | 35,205 | 34,714 | 34,223 | 33,732 | 33,223 | 32,732 | 32,732 | | | 32,732 | 32,732 |
| Industrial Waste | Recycling (C+I, Agri) | 76,629 | 77,938 | 79,229 | 80,538 | 81,829 | 82,648 | 83,484 | 84,302 | 85,139 | 85,957 | 86,794 | 87,612 | 88,448 | 89,267 | 90,103 | 90,922 | 90,922 | 22 90,9 | 22 90,922 | 90,922 | 90,922 |
| Industrial Waste | Composting | 1,818 | 1,818 | 1,818 | 1,818 | 1,818 | 1,655 | 1,491 | 1,327 | 1,164 | 1,000 | 818 | 655 | 491 | 327 | 164 | 0 | 0 | 0 | 0 0 | 0 | 0 |
| Industrial Waste | Recycling (Metals) | 54,553 | 54,553 | 54,553 | 54,553 | 54,553 | 54,553 | 54,553 | 54,553 | 54,553 | 54,553 | 54,553 | 54,553 | 54,553 | 54,553 | 54,553 | 54,553 | 54,553 | 54,5 | 53 54,553 | 54,553 | 54,553 |
| Industrial Waste | Treatment plant | 1,037 | 782 | 527 | 255 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 0 | 0 | . 0 |
| Industrial Waste | Land recovery | 5,455 | 5,455 | 5,455 | 5,455 | 5,455 | 5,292 | 5,128 | 4,964 | 4,801 | 4,637 | 4,455 | 4,291 | 4,128 | 3,964 | 3,801 | 3,637 | 3,637 | 3,6 | 3,637 | 3,637 | 3,637 |
| Industrial Waste | Don't know | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 0 | 0 | . 0 |
| | Landfill (C+I and | | | | | | | | | | | | | | | | | | | | | |
| Commercial Waste | LACW) | 44,427 | 40,558 | 36,688 | 32,801 | 28,931 | 27,286 | 25,640 | 23,995 | 22,349 | 20,704 | 19,077 | 17,431 | 15,786 | 14,140 | 12,495 | 10,849 | 10,849 | 10,8 | 19 10,849 | 10,849 | 10,849 |
| | Thermal Treatment | 0.700 | 44 400 | 40 405 | 45.740 | 40.000 | 40.000 | 40 707 | 00 544 | 04.070 | 00.407 | 00.040 | 00.000 | 04.004 | 05.470 | 00.000 | 07.400 | 07.400 | 07.4 | 07.400 | 07.400 | 07.400 |
| Commercial Waste | (energy recovery) | 8,788 | 11,102 | 13,435 | 15,749 | 18,082 | 18,896 | 19,727 | 20,541 | 21,373 | 22,187 | 23,018 | 23,832 | 24,664 | 25,478 | 26,309 | 27,123 | 27,123 | 23 27,1 | 23 27,123 | 27,123 | 27,123 |
| | Thermal Treatment | | | | | | | | | | | | | | | | | | | | | |
| Commoraid Masta | (without energy | 1.031 | 778 | 524 | 253 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | , | , |
| Commercial Waste Commercial Waste | recovery) Recycling (C+I, Agri) | 121,403 | 122,704 | 123.988 | 125.290 | 126.574 | 127.388 | 128,219 | 129.033 | 129.865 | 130.679 | 131.510 | 132.324 | 133,156 | 133.970 | 134.801 | 135.615 | 135.615 | 5 135.6 | 15 135.615 | 135.615 | 135,615 |
| Commercial Waste | Composting | 121,403 | 122,704 | 123,900 | 125,290 | 120,374 | 121,300 | 120,219 | 129,033 | 129,000 | 130,079 | 131,310 | 132,324 | 133,130 | 133,970 | 134,001 | 133,013 | 133,613 | 0 133,0 | 0 133,013 | 133,013 | 133,613 |
| Commercial Waste | Treatment plant | 5,171 | 5,678 | 6,202 | 6,708 | 7,233 | 7,233 | 7,233 | 7,233 | 7,233 | 7,233 | 7,233 | 7,233 | 7,233 | 7,233 | 7,233 | 7,233 | 7,233 | 33 7,2 | 33 7,233 | 7,233 | 7,233 |
| Commercial Waste | Don't know | 0,171 | 0,070 | 0,202 | 0,700 | 7,255 | 1,200 | 7,255 | 7,200 | 7,255 | 7,200 | 7,200 | 1,200 | 7,235 | 7,255 | 7,200 | 7,255 | 7,200 | 0 7,2 | 0 7,250 | 1,233 | 1,255 |
| Construction and Demolition | DOITE KNOW | Ü | | U | U | U | U | U | 0 | U | · · | U | U | U | U | - 0 | 0 | | 0 | | 0 | |
| Waste | Landfill (CD&E) | 9.017 | 8,693 | 8.362 | 8,031 | 7,700 | 7,700 | 7,700 | 7,700 | 7,700 | 7,700 | 7.700 | 7.700 | 7,700 | 7.700 | 7.700 | 7.700 | 7,700 | 00 7.7 | 7,700 | 7.700 | 7,700 |
| Construction and Demolition | Recycling (Inerts | 0,011 | 0,000 | 0,002 | 0,001 | 7,7.00 | 1,100 | 1,100 | 1,100 | 1,100 | 1,1.00 | 1,100 | 1,100 | 7,7.00 | 1,100 | 1,100 | 1,100 | 1,100 | 7,1 | 1,100 | 1,100 | 1,100 |
| Waste | C+D) | 25,410 | 25,795 | 26,180 | 26,565 | 26,950 | 27,296 | 27,651 | 27,997 | 28,351 | 28,698 | 29,052 | 29,399 | 29,753 | 30,099 | 30,454 | 30,800 | 30,800 | 30,8 | 30,800 | 30,800 | 30,800 |
| Construction and Demolition | 0.5) | 20,110 | 20,100 | 20,100 | 20,000 | 20,000 | 21,200 | 21,001 | 21,001 | 20,001 | 20,000 | 20,002 | 20,000 | 20,100 | 00,000 | 00,101 | 00,000 | 00,000 | 00,0 | 00,000 | 00,000 | 00,000 |
| Waste | Other Treatment | 42.573 | 42,512 | 42,458 | 42,404 | 42,350 | 42.004 | 41,649 | 41.303 | 40.949 | 40,602 | 40.248 | 39.901 | 39,547 | 39,201 | 38.846 | 38,500 | 38,500 | 00 38,5 | 38,500 | 38,500 | 38,500 |
| Excavation Waste | Landfill (CD&E) | 106,466 | 98,734 | 91,022 | 83,311 | 75,600 | 75,406 | 75,211 | 75,017 | 74,822 | 74,628 | 74,412 | 74,218 | 74,023 | 73,829 | 73,634 | 73,440 | | | | 73,440 | |
| | Recycling (Inerts | | | | | · | | | | | | | , | | | | | | | · | , | |
| Excavation Waste | C+D) | 58,622 | 60,178 | 61,711 | 63,266 | 64,800 | 65,772 | 66,766 | 67,738 | 68,731 | 69,703 | 70,697 | 71,669 | 72,662 | 73,634 | 74,628 | 75,600 | 75,600 | 75,6 | 75,600 | 75,600 | 75,600 |
| Excavation Waste | Other Treatment | 20,066 | 25,294 | 30,542 | 35,791 | 41,040 | 40,262 | 39,463 | 38,686 | 37,908 | 37,109 | 36,331 | 35,532 | 34,754 | 33,977 | 33,178 | 32,400 | 32,400 | 00 32,4 | 32,400 | 32,400 | 32,400 |
| Excavation Waste | Land recovery | 30,866 | 31,774 | 32,702 | 33,631 | 34,560 | 34,560 | 34,560 | 34,560 | 34,560 | 34,560 | 34,560 | 34,560 | 34,560 | 34,560 | 34,560 | 34,560 | 34,560 | 34,5 | 34,560 | 34,560 | 34,560 |
| | Incineration (Animal | | | | | | | | | | | | | | | | | | | | | |
| Agricultural Waste | By-Product) | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | | | | 1,725 | 1,725 |
| Agricultural Waste | Recycling (C+I, Agri) | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | | | 1,253 | 1,253 |
| Agricultural Waste | Treatment plant | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 34 1,0 | 34 1,034 | 1,034 | 1,034 |
| | Landfill (C+I and | | | | | | | | | | | | | | | | | | | | | |
| LACW (Other) | LACW) | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 441 | 11 4 | 11 441 | 441 | 441 |
| | Thermal Treatment | | | | | | | | | | | | | | | | | | | | | |
| LACW (Other) | (energy recovery) | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | 1,260 | | | | 1,260 | 1,260 |
| LACW (Other) | Recycling (LACW) | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | 15,699 | | | 15,699 | 15,699 |
| Hazardous waste | Landfill (Hazardous) | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,854 | 5,8 | 5,854 | 5,854 | 5,854 |
| Liamandava visata | Thermal Treatment | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 7 | 27 327 | 327 | 327 |
| Hazardous waste | (energy recovery) Thermal Treatment | 321 | 321 | 321 | 321 | 321 | 321 | 321 | 321 | 321 | 321 | 321 | 321 | 321 | 321 | 321 | 321 | 321 | 27 3. | 321 | 321 | 321 |
| | (without energy | | | | | | | | | | | | | | | | | | | | | |
| Hazardous waste | recovery) | 3.077 | 3.077 | 3.077 | 3,077 | 3.077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3,077 | 3.077 | 3.077 | 3.077 | 3,077 | 3.077 | 3,077 | 77 3.0 | 77 3,077 | 3,077 | 3,077 |
| i iazai dous waste | Recycling | 3,077 | 3,077 | 3,011 | 3,077 | 3,077 | 3,011 | 3,011 | 3,077 | 3,011 | 3,077 | 3,011 | 3,077 | 3,077 | 3,011 | 3,011 | 3,011 | 3,077 | 7 3,0 | 3,077 | 3,011 | 3,077 |
| Hazardous waste | (Hazardous) | 17,706 | 17.706 | 17.706 | 17.706 | 17.706 | 17.706 | 17.706 | 17.706 | 17.706 | 17.706 | 17.706 | 17,706 | 17.706 | 17,706 | 17.706 | 17.706 | 17,706 | 06 17,7 | 06 17.706 | 17,706 | 17,706 |
| Hazardous waste | Treatment plant | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5,552 | 5.552 | 5.552 | 5,552 | 5,552 | 5,552 | 5,552 | | | 5,552 | 5,552 |
| nazarada waste | Landfill (C+I and | 0,002 | 0,002 | 0,002 | 0,002 | 0,002 | 0,002 | 0,002 | 0,002 | 0,002 | 0,002 | 0,002 | 0,002 | 0,002 | 0,002 | 0,002 | 0,002 | 0,002 | 0,0 | 0,002 | 0,002 | 0,002 |
| LACW (H) | LACW) | 12,154 | 11,123 | 10,109 | 9,079 | 8,049 | 8,049 | 8,049 | 8,049 | 8,049 | 8,049 | 8,049 | 8,049 | 8,049 | 8.049 | 8.049 | 8,049 | 8,049 | 19 8,0 | 19 8,049 | 8,049 | 8,049 |
| v-y | Thermal Treatment | .=, | , . 20 | .0,.00 | 0,0.0 | 0,0.0 | 0,0 70 | 0,010 | 0,010 | 0,010 | 3,0.0 | 5,0.0 | 0,070 | 0,0 70 | 0,0.0 | 5,510 | 3,510 | 0,040 | 3,0 | 3,540 | 0,040 | 0,010 |
| LACW (H) | (energy recovery) | 96,456 | 94.476 | 92,496 | 90.516 | 88,536 | 88.536 | 88,536 | 88.536 | 88.536 | 88.536 | 88.536 | 88.536 | 88.536 | 88,536 | 88.536 | 88.536 | 88.536 | 88.5 | 88.536 | 88,536 | 88,536 |
| LACW (H) | Recycling (LACW) | 39,084 | 42,191 | 45,298 | 48,405 | 51,512 | 51,512 | 51,512 | 51,512 | 51,512 | 51,512 | 51,512 | 51,512 | 51,512 | 51,512 | 51,512 | 51,512 | , | | , | 51,512 | 51,512 |
| LACW (H) | Composting | 13,280 | 13,184 | 13,087 | 12,975 | 12,878 | 12,878 | 12,878 | 12,878 | 12,878 | 12,878 | 12,878 | 12,878 | 12,878 | 12,878 | 12,878 | 12,878 | 12,878 | | | 12,878 | 12,878 |
| LACW Secondary | Landfill (Hazardous) | 532 | 532 | 532 | 532 | 532 | 532 | 532 | 532 | 532 | 532 | 532 | 532 | 532 | 532 | 532 | 532 | | | | 532 | |
| LACW Secondary | Recycling (LACW) | 24,979 | 24,979 | 24,979 | 24,979 | 24,979 | 24,979 | 24,979 | 24,979 | 24,979 | 24,979 | 24,979 | 24,979 | 24,979 | 24,979 | 24,979 | 24,979 | 24,979 | | | 24,979 | 24,979 |
| LACW Secondary | Recycling (Metals) | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | 2,223 | | 23 2,223 | 2,223 | 3 2,223 |
| - | | | | | - 4 | | | - | | | | - 1 | | - 4 | | | | | | | | |

Growth option 1

| | di option | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---------------------------------------------------|---------|---------|------------------|------------------|------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------------------|---------|---------|---------|---------|
| Growth 1/Baseline recycling | | | | | | | | | | | | | | | | | | | | | | |
| Waste Type | Faci | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 |
| | Landfill (C+I and LACW) | 50,991 | 52,180 | 53,446 | 54,175 | 54,509 | 54,724 | 54,877 | 54,961 | 55,019 | 55,103 | 54,911 | 54,725 | 54,562 | 54,390 | 54,215 | 54,334 | 54,453 | 54,572 | 54,692 | 54,812 | 54,932 |
| | Recycling (C+I, Agri) | 81,586 | 83,489 | 85,513 | 86,680 | 87,215 | 87,559 | 87,804 | 87,937 | 88,031 | 88,164 | 87,858 | 87,560 | 87,299 | 87,024 | 86,743 | 86,934 | 87,124 | 87,316 | 87,507 | 87,699 | 87,892 |
| | Composting | 2,040 | 2,087 | 2,138 | 2,167 | 2,180 | 2,189 | 2,195 | 2,198 | 2,201 | 2,204 | 2,196 | 2,189 | 2,182 | 2,176 | 2,169 | 2,173 | 2,178 | 2,183 | 2,188 | 2,192 | 2,197 |
| | Recycling (Metals) | 61,190 | 62,616 | 64,135 | 65,010 | 65,411 | 65,669 | 65,853 | 65,953 | 66,023 | 66,123 | 65,894 | 65,670 | 65,474 | 65,268 | 65,058 | 65,200 | 65,343 | 65,487 | 65,630 | 65,774 | 65,919 |
| Industrial Waste Ti | Treatment plant | 2,040 | 2,087 | 2,138 | 2,167 | 2,180 | 2,189 | 2,195 | 2,198 | 2,201 | 2,204 | 2,196 | 2,189 | 2,182 | 2,176 | 2,169 | 2,173 | 2,178 | 2,183 | 2,188 | 2,192 | 2,197 |
| | Land recovery | 6,119 | 6,262 | 6,414 | 6,501 | 6,541 | 6,567 | 6,585 | 6,595 | 6,602 | 6,612 | 6,589 | 6,567 | 6,547 | 6,527 | 6,506 | 6,520 | 6,534 | 6,549 | 6,563 | 6,577 | 6,592 |
| Industrial Waste D | Don't know | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | Landfill (C+I and LACW) | 59,208 | 59,826 | 60,447 | 61,043 | 61,669 | 62,304 | 62,926 | 63,552 | 64,173 | 64,791 | 65,567 | 66,353 | 67,133 | 67,924 | 68,754 | 70,001 | 71,271 | 72,564 | 73,880 | 75,220 | 76,585 |
| | Thermal Treatment | | | | | | | | | | | | | | | | | | | | | |
| | (energy recovery) | 1,910 | 1,930 | 1,950 | 1,969 | 1,989 | 2,010 | 2,030 | 2,050 | 2,070 | 2,090 | 2,115 | 2,140 | 2,166 | 2,191 | 2,218 | 2,258 | 2,299 | 2,341 | 2,383 | 2,426 | 2,470 |
| (v | Thermal Treatment (without energy recovery) | 1.910 | 1.930 | 4.050 | 4.000 | 4.000 | 2.010 | 2.030 | 2.050 | 2.070 | 2.090 | 2,115 | 2,140 | 2.166 | 2,191 | 2,218 | 2.250 | 2 200 | 2,341 | 2.383 | 2,426 | 2,470 |
| | | 124,146 | 125,442 | 1,950 126,743 | 1,969 127,992 | 1,989 129,305 | 130,637 | , | 133,254 | 134,556 | 135,851 | 137,479 | 139,127 | 140.764 | 142.422 | 144.161 | 2,258 | 2,299 149,439 | 152,150 | 154,910 | 157,720 | 160,581 |
| | Recycling (C+I, Agri) | 124,146 | 125,442 | 126,743 | 127,992 | 129,305 | 130,637 | 131,941 | 133,254 | 134,556 | 135,851 | 137,479 | 139,127 | 140,764 | 142,422 | 144,161 | 146,776 | 149,439 | 152,750 | 154,910 | 15/,/20 | 100,581 |
| | Composting Treatment plant | 3,820 | 2 000 | 2 000 | 2 000 | 3,979 | 4.000 | 4,060 | 4 400 | 4.140 | 4 400 | 4,230 | 4,281 | 4,331 | 4,382 | 4.436 | 4,516 | 4 500 | 4,682 | 4 700 | 4,853 | 4,941 |
| | Treatment plant | 3,820 | 3,860 | 3,900 | 3,938 | 3,979 | 4,020 | 4,060 | 4,100 | 4,140 | 4,180 | 4,230 | 4,281 | 4,331 | 4,382 | 4,436 | 4,516 | 4,598 | 4,682 | 4,766 | 4,853 | 4,941 |
| | Don't know | - | - | | | | | | - | | | | | | | - | - | | - | - | | |
| Construction and Demolition | I (EII (OD0 E) | 44.000 | 44 400 | 44.700 | 44.000 | 40.000 | 40.050 | 40.000 | 40.400 | 40.445 | 40.400 | 40.004 | 40.050 | 40.044 | 44.070 | 44 000 | 44.004 | 44.000 | 40.040 | 40.040 | 40.000 | 40.000 |
| | Landfill (CD&E) | 11,228 | 11,490 | 11,768 | 11,929 | 12,002 | 12,050 | 12,083 | 12,102 | 12,115 | 12,133 | 12,091 | 12,050 | 12,014 | 11,976 | 11,938 | 11,964 | 11,990 | 12,016 | 12,043 | 12,069 | 12,096 |
| Construction and Demolition | D !: (! D) | 07.000 | 07.040 | 00.545 | 00.004 | 00.000 | 00.407 | 00.070 | 00.004 | 00.055 | 00.000 | 00.007 | 00.400 | 00.444 | 00.040 | 00.000 | 00.000 | 00.050 | 00.440 | 00.400 | 00.044 | 00.000 |
| | Recycling (Inerts C+D) | 27,206 | 27,840 | 28,515 | 28,904 | 29,083 | 29,197 | 29,279 | 29,324 | 29,355 | 29,399 | 29,297 | 29,198 | 29,111 | 29,019 | 28,926 | 28,989 | 29,053 | 29,116 | 29,180 | 29,244 | 29,308 |
| Construction and Demolition | | | | | | | | | | | | | | | | | _, | | | | | |
| | Other Treatment | 47,934 | 49,052 | 50,241 | 50,927 | 51,241 | 51,443 | 51,587 | 51,665 | 51,721 | 51,799 | 51,619 | 51,444 | 51,290 | 51,129 | 50,964 | 51,076 | 51,188 | 51,300 | 51,413 | 51,526 | 51,639 |
| | Landfill (CD&E) | 142,944 | 146,277 | 149,825 | 151,869 | 152,806 | 153,408 | 153,837 | 154,071 | 154,236 | 154,469 | 153,933 | 153,410 | 152,953 | 152,471 | 151,980 | 152,313 | 152,647 | 152,982 | 153,318 | 153,654 | 153,992 |
| | Recycling (Inerts C+D) | 58,147 | 59,503 | 60,946 | 61,777 | 62,158 | 62,403 | 62,578 | 62,673 | 62,740 | 62,835 | 62,617 | 62,404 | 62,218 | 62,022 | 61,822 | 61,958 | 62,094 | 62,230 | 62,367 | 62,503 | 62,641 |
| | Other Treatment | 2,423 | 2,479 | 2,539 | 2,574 | 2,590 | 2,600 | 2,607 | 2,611 | 2,614 | 2,618 | 2,609 | 2,600 | 2,592 | 2,584 | 2,576 | 2,582 | 2,587 | 2,593 | 2,599 | 2,604 | 2,610 |
| | Land recovery | 38,765 | 39,668 | 40,630 | 41,185 | 41,439 | 41,602 | 41,719 | 41,782 | 41,827 | 41,890 | 41,744 | 41,603 | 41,479 | 41,348 | 41,215 | 41,305 | 41,396 | 41,487 | 41,578 | 41,669 | 41,760 |
| | Incineration (Animal By- | | | | | | | | | | | | | | | | | | | | | |
| 3 | Product) | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 |
| | Recycling (C+I, Agri) | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 |
| Agricultural Waste Ti | Treatment plant | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 |
| | Landfill (C+I and LACW) | 450 | 453 | 456 | 459 | 462 | 465 | 468 | 471 | 474 | 477 | 480 | 483 | 486 | 490 | 493 | 496 | 499 | 503 | 506 | 509 | 513 |
| | Thermal Treatment | | | | | | | | | | | | | | | | | | | | | |
| | (energy recovery) | 1,285 | 1,293 | 1,302 | 1,310 | 1,319 | 1,328 | 1,336 | 1,345 | 1,354 | 1,363 | 1,372 | 1,381 | 1,390 | 1,399 | 1,408 | | 1,427 | 1,436 | 1,446 | 1,455 | 1,465 |
| | Recycling (LACW) | 16,010 | 16,115 | 16,221 | 16,328 | 16,435 | 16,543 | 16,651 | 16,761 | 16,871 | 16,981 | 17,093 | 17,205 | 17,318 | 17,432 | 17,546 | 17,661 | 17,777 | 17,894 | 18,012 | 18,130 | 18,249 |
| | Landfill (Hazardous) | 6,566 | 6,719 | 6,882 | 6,976 | 7,019 | 7,047 | 7,067 | 7,077 | 7,085 | 7,096 | 7,071 | 7,047 | 7,026 | 7,004 | 6,981 | 6,997 | 7,012 | 7,027 | 7,043 | 7,058 | 7,074 |
| | Thermal Treatment | | | | | | | | | | | | | | | | | | | | | |
| | (energy recovery) | 367 | 375 | 384 | 390 | 392 | 394 | 395 | 395 | 396 | 396 | 395 | 394 | 392 | 391 | 390 | 391 | 392 | 393 | 393 | 394 | 395 |
| | Thermal Treatment | | | | | | | | | | | | | | | | | | | | | |
| l ' | (without energy | | | | | | | | | | | | | | | | | | | | | |
| | recovery) | 3,451 | 3,532 | 3,617 | 3,667 | 3,689 | 3,704 | 3,714 | 3,720 | 3,724 | 3,730 | 3,717 | 3,704 | 3,693 | 3,681 | 3,670 | 3,678 | 3,686 | 3,694 | 3,702 | 3,710 | 3,718 |
| | Recycling (Hazardous) | 19,860 | 20,323 | 20,816 | 21,100 | 21,230 | 21,314 | 21,374 | 21,406 | 21,429 | 21,461 | 21,387 | 21,314 | 21,251 | 21,184 | 21,115 | 21,162 | 21,208 | 21,255 | 21,301 | 21,348 | 21,395 |
| Hazardous waste Ti | Treatment plant | 6,227 | 6,373 | 6,527 | 6,616 | 6,657 | 6,683 | 6,702 | 6,712 | 6,719 | 6,730 | 6,706 | 6,683 | 6,663 | 6,643 | 6,621 | 6,636 | 6,650 | 6,665 | 6,679 | 6,694 | 6,709 |
| | Landfill (C+I and LACW) | 16,327 | 16,654 | 16,987 | 17,326 | 17,673 | 18,026 | 18,387 | 18,755 | 19,130 | 19,512 | 19,903 | 20,301 | 20,707 | 21,121 | 21,543 | 21,974 | 22,414 | 22,862 | 23,319 | 23,785 | 24,261 |
| | Thermal Treatment | 405 === | 44 | | | | 40 | 105 | 105.51 | 40 | 40 | 40 | 40 | 465 | 444.54 | 4 = | | | 455.5. | 45 | 450 | |
| | (energy recovery) | 109,728 | 111,922 | 114,161 | 116,444 | 118,773 | 121,148 | 123,571 | 126,043 | 128,564 | 131,135 | 133,757 | 136,433 | 139,161 | 141,944 | 144,783 | 147,679 | 150,633 | 153,645 | 156,718 | 159,853 | 163,050 |
| | Recycling (LACW) | 31,886 | 32,524 | 33,174 | 33,837 | 34,514 | 35,205 | 35,909 | 36,627 | 37,359 | 38,107 | 38,869 | 39,646 | 40,439 | 41,248 | 42,073 | 42,914 | 43,772 | 44,648 | 45,541 | 46,452 | 47,381 |
| | Composting | 14,561 | 14,852 | 15,149 | 15,452 | 15,761 | 16,077 | 16,398 | 16,726 | 17,061 | 17,402 | 17,750 | 18,105 | 18,467 | 18,836 | 19,213 | 19,597 | 19,989 | 20,389 | 20,797 | 21,213 | 21,637 |
| | Landfill (Hazardous) | 570 | 581 | 593 | 605 | 617 | 629 | 642 | 655 | 668 | 681 | 695 | 709 | 723 | 737 | 752 | | 783 | 798 | 814 | 831 | 847 |
| | Recycling (LACW) | 26,768 | 27,303 | 27,849 | 28,406 | 28,974 | 29,554 | 30,145 | 30,748 | 31,363 | 31,990 | 32,630 | 33,282 | 33,948 | 34,627 | 35,320 | 36,026 | 36,746 | 37,481 | 38,231 | 38,996 | 39,776 |
| , | Recycling (Metals) | 2,382 | 2,430 | 2,478 | 2,528 | 2,579 | 2,630 | 2,683 | 2,736 | 2,791 | 2,847 | 2,904 | 2,962 | 3,021 | 3,082 | 3,143 | 3,206 | 3,270 | 3,336 | 3,402 | 3,470 | 3,540 |

| Growth 1/ Max recycling | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-------------------------------------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Waste Type | Facility Type | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 |
| | | | | | | | | | | | | | | | | | | | | | | |
| Industrial Waste | Landfill (C+I and LACW) | 43,118 | 41,452 | 39,700 | 37,467 | 34,886 | 34,235 | 33,519 | 32,779 | 32,021 | 31,254 | 30,355 | 29,442 | 28,569 | 27,695 | 26,804 | 26,080 | 26,137 | 26,195 | 26,252 | 26,310 | 26,367 |
| Industrial Waste | Recycling (C+I, Agri) | 90,337 | 95,407 | 100,777 | 105,251 | 109,019 | 110,433 | 111,752 | 112,911 | 114,044 | 115,209 | 115,819 | 116,411 | 117,068 | 117,678 | 118,296 | 119,534 | 119,796 | 120,059 | 120,322 | 120,586 | 120,851 |
| Industrial Waste | Composting | 2,040 | 2,087 | 2,138 | 2,167 | 2,180 | 1,992 | 1,800 | 1,605 | 1,408 | 1,212 | 988 | 788 | 589 | 392 | 195 | 0 | 0 | 0 | 0 | 0 | 0 |
| Industrial Waste | Recycling (Metals) | 61,190 | 62,616 | 64,135 | 65,010 | 65,411 | 65,669 | 65,853 | 65,953 | 66,023 | 66,123 | 65,894 | 65,670 | 65,474 | 65,268 | 65,058 | 65,200 | 65,343 | 65,487 | 65,630 | 65,774 | 65,919 |
| Industrial Waste | Treatment plant | 1,163 | 898 | 620 | 303 | 0 | 0 | 0 505 | 0 505 | 0 | 0 | 0 500 | 0 | 0 | 0 | 0 500 | 0 500 | 0 504 | 0 | 0 500 | 0 | 0 500 |
| Industrial Waste | Land recovery | 6,119 | 6,262 | 6,414 | 6,501 | 6,541 | 6,567 | 6,585 | 6,595 | 6,602 | 6,612 | 6,589 | 6,567 | 6,547 | 6,527 | 6,506 | 6,520 | 6,534 | 6,549 | 6,563 | 6,577 | 6,592 |
| Industrial Waste | Don't know | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Commercial Waste | Landfill (C+I and LACW) | 46.927 | 43,287 | 39.563 | 35,720 | 31.829 | 31.051 | 30.265 | 29,439 | 28.609 | 27.735 | 26.925 | 26.070 | 25.208 | 24.299 | 23.398 | 22.581 | 22.991 | 23,408 | 23.832 | 24.265 | 24,705 |
| | Thermal Treatment | | | | | | | | | | | | | | | | | | | | | |
| Commercial Waste | (energy recovery) | 5,997 | 7,449 | 8,911 | 10,417 | 11,936 | 12,059 | 12,179 | 12,300 | 12,421 | 12,540 | 12,690 | 12,843 | 12,994 | 13,147 | 13,307 | 13,549 | 13,794 | 14,045 | 14,299 | 14,559 | 14,823 |
| | Thermal Treatment | | | | | | | | | | | | | | | | | | | | | |
| | (without energy | | | | | | | | | | | | | | | | | | | | | |
| Commercial Waste | recovery) | 1,089 | 830 | 565 | 276 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Commercial Waste | Recycling (C+I, Agri) | 132,339 | 136,462 | 140,665 | 144,868 | 149,198 | 151,640 | 154,087 | 156,543 | 159,025 | 161,496 | 164,403 | 167,338 | 170,302 | 173,294 | 176,431 | 180,647 | 183,924 | 187,261 | 190,658 | 194,117 | 197,638 |
| Commercial Waste | Composting | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Commercial Waste | Treatment plant | 4,641 | 4,960 | 5,284 | 5,632 | 5,968 | 6,210 | 6,455 | 6,704 | 6,956 | 7,211 | 7,508 | 7,791 | 8,078 | 8,370 | 8,672 | 9,032 | 9,196 | 9,363 | 9,533 | 9,706 | 9,882 |
| Commercial Waste | Don't know | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction and Demolition | | | | | | | | | | | | | | | | | | | | | | |
| Waste | Landfill (CD&E) | 10,114 | 9,978 | 9,831 | 9,571 | 9,233 | 9,269 | 9,295 | 9,309 | 9,319 | 9,333 | 9,301 | 9,269 | 9,242 | 9,212 | 9,183 | 9,203 | 9,223 | 9,243 | 9,264 | 9,284 | 9,304 |
| Construction and Demolition | | | | | | | | | | | | | | | | | | | | | | |
| Waste | Recycling (Inerts C+D) | 30,350 | 32,135 | 34,010 | 35,594 | 36,930 | 37,493 | 38,026 | 38,502 | 38,972 | 39,451 | 39,742 | 40,024 | 40,330 | 40,617 | 40,909 | 41,413 | 41,504 | 41,595 | 41,686 | 41,777 | 41,869 |
| Construction and Demolition | | | | | | | | | | | | | | | | | | | | | | |
| Waste | Other Treatment | 45,896 | 46,277 | 46,684 | 46,605 | 46,163 | 45,928 | 45,629 | 45,279 | 44,899 | 44,547 | 43,964 | 43,398 | 42,844 | 42,294 | 41,735 | 41,413 | 41,504 | 41,595 | 41,686 | 41,777 | 41,869 |
| Excavation Waste | Landfill (CD&E) | 127,705 | 124,683 | 121,536 | 116,939 | 111,367 | 110,636 | 109,746 | 108,738 | 107,651 | 106,636 | 105,066 | 103,539 | 102,038 | 100,554 | 99,044 | 98,100 | 98,315 | 98,531 | 98,747 | 98,964 | 99,181 |
| Excavation Waste | Recycling (Inerts C+D) | 76,148 3.804 | 83,229 3.545 | 90,682 3,276 | 97,453 2,934 | 103,597 2.590 | 105,176 2.600 | 106,669 2,607 | 108,007 2.611 | 109,325 2,614 | 110,668 2.618 | 111,484 2,609 | 112,275 2.600 | 113,133 2.592 | 113,940 2.584 | 114,758 2.576 | 116,171 2.582 | 116,426 2,587 | 116,681 2,593 | 116,937 2,599 | 117,194 2.604 | 117,451 2,610 |
| Excavation Waste | Other Treatment | 3,804 | 36,470 | 38,447 | 40,078 | 2,590 41,439 | 41,602 | 41,719 | 41,782 | 2,614 41,827 | 41.890 | 2,609 41,744 | 41,603 | 2,592 41.479 | 2,584 41,348 | 2,576 41,215 | 41,305 | 41,396 | 2,593 41,487 | 2,599 41,578 | 41,669 | 41,760 |
| Excavation Waste | Land recovery Incineration (Animal By- | 34,022 | 30,470 | 30,447 | 40,076 | 41,439 | 41,002 | 41,719 | 41,702 | 41,027 | 41,090 | 41,744 | 41,003 | 41,479 | 41,340 | 41,210 | 41,303 | 41,390 | 41,407 | 41,370 | 41,009 | 41,760 |
| Agricultural Waste | Product) | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1.725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 |
| Agricultural Waste | Recycling (C+I, Agri) | 1,723 | 1,723 | 1,723 | 1,723 | 1,723 | 1,723 | 1,723 | 1,723 | 1,723 | 1,723 | 1,723 | 1,723 | 1,723 | 1,723 | 1,723 | 1,723 | 1,723 | 1,723 | 1,723 | 1,723 | 1,723 |
| Agricultural Waste | Treatment plant | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 |
| riginountariar Praete | Troduttoric plant | 1,001 | .,00. | 1,001 | 1,001 | 1,001 | 1,001 | 1,001 | 1,001 | 1,001 | 1,001 | 1,001 | 1,001 | 1,001 | 1,001 | 1,001 | 1,001 | 1,001 | 1,001 | 1,001 | 1,001 | 1,001 |
| LACW (Other) | Landfill (C+I and LACW) | 450 | 453 | 456 | 459 | 462 | 465 | 468 | 471 | 474 | 477 | 480 | 483 | 486 | 490 | 493 | 496 | 499 | 503 | 506 | 509 | 513 |
| | Thermal Treatment | | | | | | | | | | | | | | | | | | | | | |
| LACW (Other) | (energy recovery) | 1,285 | 1,293 | 1,302 | 1,310 | 1,319 | 1,328 | 1,336 | 1,345 | 1,354 | 1,363 | 1,372 | 1,381 | 1,390 | 1,399 | 1,408 | 1,418 | 1,427 | 1,436 | 1,446 | 1,455 | 1,465 |
| LACW (Other) | Recycling (LACW) | 16,010 | 16,115 | 16,221 | 16,328 | 16,435 | 16,543 | 16,651 | 16,761 | 16,871 | 16,981 | 17,093 | 17,205 | 17,318 | 17,432 | 17,546 | 17,661 | 17,777 | 17,894 | 18,012 | 18,130 | 18,249 |
| Hazardous waste | Landfill (Hazardous) | 6,566 | 6,719 | 6,882 | 6,976 | 7,019 | 7,047 | 7,067 | 7,077 | 7,085 | 7,096 | 7,071 | 7,047 | 7,026 | 7,004 | 6,981 | 6,997 | 7,012 | 7,027 | 7,043 | 7,058 | 7,074 |
| | Thermal Treatment | | | | | | | | | | | | | | | | | | | | | |
| Hazardous waste | (energy recovery) | 367 | 375 | 384 | 390 | 392 | 394 | 395 | 395 | 396 | 396 | 395 | 394 | 392 | 391 | 390 | 391 | 392 | 393 | 393 | 394 | 395 |
| | Thermal Treatment | | | | | | | | | | | | | | | | | | | | | |
| | (without energy | | | | | | | | | | | | | | | | | | | | | |
| Hazardous waste | recovery) | 3,451 | 3,532 | 3,617 | 3,667 | 3,689 | 3,704 | 3,714 | 3,720 | 3,724 | 3,730 | 3,717 | 3,704 | 3,693 | 3,681 | 3,670 | 3,678 | 3,686 | 3,694 | 3,702 | 3,710 | 3,718 |
| Hazardous waste | Recycling (Hazardous) | 19,860 | 20,323 | 20,816 | 21,100 | 21,230 | 21,314 | 21,374 | 21,406 | 21,429 | 21,461 | 21,387 | 21,314 | 21,251 | 21,184 | 21,115 | 21,162 | 21,208 | 21,255 | 21,301 | 21,348 | 21,395 |
| Hazardous waste | Treatment plant | 6,227 | 6,373 | 6,527 | 6,616 | 6,657 | 6,683 | 6,702 | 6,712 | 6,719 | 6,730 | 6,706 | 6,683 | 6,663 | 6,643 | 6,621 | 6,636 | 6,650 | 6,665 | 6,679 | 6,694 | 6,709 |
| | | | | | | | | | | | | | | | | | | | | | | |
| LACW (H) | Landfill (C+I and LACW) | 13,024 | 12,158 | 11,271 | 10,325 | 9,336 | 9,523 | 9,713 | 9,908 | 10,106 | 10,308 | 10,514 | 10,724 | 10,939 | 11,157 | 11,381 | 11,608 | 11,840 | 12,077 | 12,319 | 12,565 | 12,816 |
| | Thermal Treatment | | | | | | | | | | | | | | | | | | | | | |
| LACW (H) | (energy recovery) | 95,963 | 93,219 | 90,310 | 87,246 | 84,025 | 85,705 | 87,419 | 89,168 | 90,951 | 92,770 | 94,625 | 96,518 | 98,448 | 100,417 | 102,426 | 104,474 | 106,564 | 108,695 | 110,869 | 113,086 | 115,348 |
| LACW (H) | Recycling (LACW) | 49,266 | 56,164 | 63,317 | 70,734 | 78,423 | 79,991 | 81,591 | 83,223 | 84,888 | 86,585 | 88,317 | 90,083 | 91,885 | 93,723 | 95,597 | 97,509 | 99,459 | 101,448 | 103,477 | 105,547 | 107,658 |
| LACW (H) | Composting | 14,231 | 14,410 | 14,591 | 14,755 | 14,938 | 15,236 | 15,541 | 15,852 | 16,169 | 16,492 | 16,822 | 17,159 | 17,502 | 17,852 | 18,209 | 18,573 | 18,945 | 19,324 | 19,710 | 20,104 | 20,506 |
| LACW Secondary | Landfill (Hazardous) | 570 | 581 | 593 | 605 | 617 | 629 | 642 | 655 | 668 | 681 | 695 | 709 | 723 | 737 | 752 | 767 | 783 | 798 | 814 | 831 | 847 |
| LACW Secondary | Recycling (LACW) | 26,768 | 27,303 | 27,849 | 28,406 | 28,974 | 29,554 | 30,145 | 30,748 | 31,363 | 31,990 | 32,630 | 33,282 | 33,948 | 34,627 | 35,320 | 36,026 | 36,746 | 37,481 | 38,231 | 38,996 | 39,776 |
| LACW Secondary | Recycling (Metals) | 2,382 | 2,430 | 2,478 | 2,528 | 2,579 | 2,630 | 2,683 | 2,736 | 2,791 | 2,847 | 2,904 | 2,962 | 3,021 | 3,082 | 3,143 | 3,206 | 3,270 | 3,336 | 3,402 | 3,470 | 3,540 |

| Mean Trans Test T | Growth 1/Median recycling | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Comment Name | | Facility Type | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 |
| Content Water Company Content Conten | Waste Type | 1 domity Type | 2010 | 2017 | 2010 | 2010 | 2020 | 2021 | LULL | 2020 | ZUZ-T | 2020 | 2020 | LULI | 2020 | 2020 | 2000 | 2001 | 2002 | 2000 | 2004 | 2000 | 2000 |
| Commercial Winter | Industrial Waste | Landfill (C+I and LACW) | | | 47,332 | 46,742 | 45,788 | 45,377 | 44,890 | 44,364 | 43,818 | | 42,523 | | 41,074 | 40,357 | 39,620 | 39,120 | 39,206 | 39,292 | 39,378 | 39,465 | 39,551 |
| Part | | Recycling (C+I, Agri) | | | | | | | | | | | | | | | - , | 108,667 | 108,906 | 109,145 | 109,384 | 109,624 | 109,865 |
| Protection Variable Variable Value (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1985) (1 | | 3 | | | 1 | , - | , | , | , | 1 | | , | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Treated Water South Ease 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | ,. 3(, | - , | - / | - , | , | 65,411 | 65,669 | 65,853 | 65,953 | 66,023 | 66,123 | 65,894 | 65,670 | 65,474 | 65,268 | 65,058 | 65,200 | 65,343 | 65,487 | 65,630 | 65,774 | 65,919 |
| Property Week Dect Name | | | , | | | | 0 | 0 | 0 100 | 0 | 5.040 | 0 | 5 004 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Commercial Waste Land High Left and LACW 66,007 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 11,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 9,000 | | | 6,119 | 6,262 | 6,414 | 6,501 | 6,541 | 6,370 | 6,190 | 6,002 | 5,810 | 5,620 | 5,381 | 5,166 | 4,954 | 4,743 | 4,532 | 4,347 | 4,356 | 4,366 | 4,3/5 | 4,385 | 4,395 |
| Commercial Weste (resp) recovery 2,222 11,848 14,668 17,151 19,966 21,907 22,146 23,289 24,469 25,868 26,071 26,377 32,277 33,577 34,688 35,111 35,768 38,397 37,775 31,968 31,374 31,968 31,374 31,968 31,374 31,968 31,374 31,968 31,374 31,968 31,374 31,968 31,374 31,968 31,374 31,968 31,374 31,968 31,374 31,968 31,374 31,968 31,374 31,968 31,374 31,968 31,374 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,96 | industriai vvaste | DON'T KNOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Commercial Weste (resp) recovery 2,222 11,848 14,668 17,151 19,966 21,907 22,146 23,289 24,469 25,868 26,071 26,377 32,277 33,577 34,688 35,111 35,768 38,397 37,775 31,968 31,374 31,968 31,374 31,968 31,374 31,968 31,374 31,968 31,374 31,968 31,374 31,968 31,374 31,968 31,374 31,968 31,374 31,968 31,374 31,968 31,374 31,968 31,374 31,968 31,374 31,968 31,374 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,968 31,96 | Commercial Waste | Landfill (C+Land LACW) | 46 927 | 43 287 | 30 563 | 35 720 | 31 820 | 30 328 | 28 784 | 27 204 | 25 586 | 23 031 | 22 31/ | 20 634 | 18 906 | 17 13/ | 15 325 | 13 5/10 | 13 704 | 14 045 | 1/ 200 | 1/ 550 | 14,823 |
| Commercial Wates | Commercial Waste | <u> </u> | 40,327 | 40,207 | 55,505 | 55,720 | 31,023 | 30,320 | 20,704 | 21,204 | 20,000 | 20,001 | 22,514 | 20,004 | 10,300 | 17,104 | 10,020 | 10,040 | 10,704 | 14,040 | 14,200 | 14,000 | 14,023 |
| Commercial Waste Control Recorded (1.69) 1.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.0000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.0000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.0000 5.000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.00000 5.00000 5.00000 5.000000 5.00000000 | Commercial Waste | | 9.282 | 11.849 | 14,488 | 17.151 | 19.893 | 21.002 | 22.146 | 23,289 | 24.469 | 25.645 | 26,925 | 28.211 | 29.539 | 30.873 | 32.270 | 33.871 | 34,486 | 35.111 | 35.748 | 36.397 | 37.057 |
| Commercial Waste Score(9) 1,889 8,000 1,899 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,890 1,8 | Commordia Tracto | | 0,202 | 11,010 | 1 1, 100 | , | 10,000 | 21,002 | 22,110 | 20,200 | 21,100 | 20,010 | 20,020 | 20,211 | 20,000 | 00,070 | 02,270 | 00,011 | 01,100 | 00,111 | 00,1 10 | 00,007 | 0.,00. |
| Commercial Waste Composition Commercial Waste | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Commercial Winstext Composing Commercial Winstext Teatiment plant Color Co | Commercial Waste | , 0, | 1,089 | 830 | 565 | 276 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Commercial Waste Treatment plant | Commercial Waste | Recycling (C+I, Agri) | 128,233 | 130,961 | 133,704 | 136,440 | 139,252 | 141,591 | 143,938 | 146,293 | 148,675 | 151,046 | 153,828 | 156,636 | 159,474 | 162,339 | 165,341 | 169,357 | 172,429 | 175,557 | 178,742 | 181,984 | 185,286 |
| Commercial Waster Comm | Commercial Waste | Composting | 0 | 0 | . 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | . 0 | 0 | 0 | 0 | . 0 | 0 | 0 |
| Construction and Denoision Whate Landill (CDAE) 10,114 9,779 9,881 9,771 9,789 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 9,781 | Commercial Waste | Treatment plant | 5,462 | 6,060 | 6,688 | 7,305 | 7,957 | 8,039 | 8,119 | 8,200 | 8,280 | 8,360 | 8,460 | 8,562 | 8,662 | 8,764 | 8,871 | 9,032 | 9,196 | 9,363 | 9,533 | 9,706 | 9,882 |
| Waste Marce Marc | Commercial Waste | Don't know | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction and Denoisition Waste Recycling (Neets C-D) 28,001 28,008 30,778 31,687 32,314 32,859 33,378 33,848 34,313 34,784 35,008 35,708 36,011 36,318 36,811 36,802 36,773 37,054 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 37,108 3 | Construction and Demolition | | | | | | | | | | | | | | | | | | | | | | |
| Waste Recycling [inerts C-Lp] 28,50 28,005 37,705 31,657 32,414 28,809 33,378 33,484 34,715 34,715 35,002 35,709 36,011 38,318 38,811 38,802 38,077 37,054 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,004 37,138 37,0 | Waste | Landfill (CD&E) | 10,114 | 9,978 | 9,831 | 9,571 | 9,233 | 9,269 | 9,295 | 9,309 | 9,319 | 9,333 | 9,301 | 9,269 | 9,242 | 9,212 | 9,183 | 9,203 | 9,223 | 9,243 | 9,264 | 9,284 | 9,304 |
| Cententicular and Demolition Waste | Construction and Demolition | | | | | | | | | | | | | | | | | | | | | | 1 |
| Waste Other Treatment 47,753 48,795 49,915 50,532 50,775 50,582 50,775 50,582 50,775 50,582 50,775 50,582 50,775 50,582 50,685 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50,655 50 | | Recycling (Inerts C+D) | 28,501 | 29,608 | 30,778 | 31,657 | 32,314 | 32,859 | 33,378 | 33,848 | 34,313 | 34,784 | 35,092 | 35,389 | 35,709 | 36,011 | 36,318 | 36,811 | 36,892 | 36,973 | 37,054 | 37,136 | 37,217 |
| Examelian Waste Depoting plants C-D) 56,754 69,779 72,551 73,564 77,689 78,714 90,700 90,803 90,955 90,466 88,881 88,342 88,342 88,340 87,813 68,777 87,967 88,159 88,359 88,359 89,355 90,564 90,725 72,551 73,564 77,689 78,174 80,905 81,833 83,133 84,447 84,536 41,712 40,650 31,665 32,665 32,662 32,672 38,447 40,070 41,439 41,602 41,779 41,366 32,665 32,662 32,672 38,447 40,070 41,679 41,782 41,782 41,860 41,774 41,603 41,478 41,366 41,478 41,366 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 41,478 | Construction and Demolition | | | | | | | | | | | | | | | | | | | | | | 1 |
| Excession Wasse Recycling (berts C+D) | | | | | | , | | | | , | -, | -, - | -, | | | | - 7 - | | | -, - | | | 46,521 |
| Exceedion Waste | | | | -,- | - 1 | , - | | | | , | , | | , | | | , | - , | | . , | , | , | /- | 88,741 |
| Expendion/Waste Land recovery 34,622 36,470 38,447 40,078 41,438 41,602 41,719 41,782 41,802 41,800 41,744 41,603 41,479 41,348 41,215 41,305 41,306 41,376 41,660 41, Apricultural Waste Product) 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,7 | | | | | | -, | | | , | | | | , | | | | , | , | | , . | , | - ' ' ' | 91,351 |
| Agricultural Waste Product) Pr | | | | | | | -, | -, - | | -, -, | | , | | | | | , | | | , | | , | 39,150 |
| Agricultural Waste Product 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 1,725 | Excavation vvaste | | 34,622 | 36,470 | 38,447 | 40,078 | 41,439 | 41,602 | 41,719 | 41,782 | 41,827 | 41,890 | 41,744 | 41,603 | 41,479 | 41,348 | 41,215 | 41,305 | 41,396 | 41,487 | 41,578 | 41,669 | 41,760 |
| Agricultural Waste Recycling (C.A. Agri) 1.23 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1.253 1. | Agricultural Macto | , , | 1 725 | 1 725 | 1 725 | 1 725 | 1 725 | 1 725 | 1 725 | 1 725 | 1 725 | 1 725 | 1 725 | 1 725 | 1 725 | 1 725 | 1 725 | 1 725 | 1 725 | 1 725 | 1 725 | 1 725 | 1,725 |
| Agricultural Waste Teatment plant 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1,034 1, | J | , | | | | | | | | | | | | | | | | | | | | | 1,723 |
| LACW (Other) Landfill (C+1 and LACW) 450 453 456 459 462 465 468 471 474 477 480 483 486 490 483 496 499 503 506 509 Thermal Treatment (energy recovery) 1,285 1,293 1,302 1,310 1,319 1,328 1,336 1,345 1,345 1,354 1,365 1,372 1,381 1,390 1,399 1,406 1,418 1,427 1,436 1,446 1,455 1, LACW (Other) Recycling (LACW) 16,010 16,115 16,221 16,328 16,435 16,543 16,651 16,761 16,671 16,981 17,093 17,205 17,318 17,432 17,546 17,661 17,777 17,894 18,012 18,130 18,130 1,399 1,406 1,418 1,427 1,436 1,446 1,455 1, LACW (Other) Recycling (LACW) 16,010 16,115 16,221 16,328 16,435 16,543 16,651 16,761 16,671 16,981 17,093 17,205 17,318 17,432 17,546 17,661 17,777 17,894 18,012 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 18,130 | · · g · · · · · · · · · · · · · · · · · | 11/1 3 (1 / 3 / | -, | | | , | , | , | | , | | , | -, | | | | , | , | | , | , | | 1,034 |
| Thermal Treatment (energy recovery) | rigiloditalar vvasto | ricultion plant | 1,004 | 1,004 | 1,004 | 1,004 | 1,00-1 | 1,004 | 1,004 | 1,004 | 1,004 | 1,004 | 1,004 | 1,004 | 1,004 | 1,004 | 1,004 | 1,004 | 1,004 | 1,004 | 1,004 | 1,001 | 1,004 |
| Thermal Treatment (energy recovery) | LACW (Other) | Landfill (C+I and LACW) | 450 | 453 | 456 | 459 | 462 | 465 | 468 | 471 | 474 | 477 | 480 | 483 | 486 | 490 | 493 | 496 | 499 | 503 | 506 | 509 | 513 |
| LACW (Other) Recycling (LACW) 16,010 16,115 16,221 16,328 16,435 16,543 16,651 16,761 16,871 16,981 17,093 17,205 17,318 17,432 17,546 17,661 17,777 17,894 18,102 18,130 18, Hazardous waste Landfill (Hazardous) 6,566 6,719 6,882 6,976 7,019 7,047 7,067 7,077 7,085 7,096 7,071 7,047 7,026 7,004 6,981 6,997 7,012 7,027 7,043 7,058 7,078 7,079 7,079 7,085 7,096 7,071 7,047 7,026 7,004 6,981 6,997 7,012 7,027 7,043 7,058 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7,079 7 | | | | | | | | | | | | | | | | | | | | | | | |
| Hazardous waste Landfill (Hazardous) 6,566 6,719 6,882 6,976 7,019 7,047 7,067 7,077 7,085 7,096 7,071 7,047 7,026 7,004 6,981 6,997 7,012 7,027 7,043 7,058 7, Thermal Treatment (without energy recovery) 367 375 384 390 392 394 395 395 396 386 386 395 394 392 391 390 391 392 393 393 393 393 394 Hazardous waste recovery) 3,451 3,532 3,617 3,667 3,689 3,704 3,714 3,720 3,724 3,730 3,717 3,704 3,693 3,681 3,670 3,678 3,686 3,694 3,702 3,710 3, Hazardous waste Recycling (Hazardous) 19,660 20,323 20,816 21,100 21,230 21,314 21,374 21,406 21,429 21,461 21,387 21,314 21,251 21,184 21,115 21,162 21,208 21,255 21,301 21,348 21, Hazardous waste Treatment plant 6,227 6,373 6,527 6,616 6,667 6,683 6,702 6,712 6,719 6,730 6,706 6,683 6,663 6,643 6,621 6,636 6,650 6,666 6,679 6,694 6, LACW (H) Landfill (C+1 and LACW) 13,024 12,158 11,271 10,325 9,336 9,523 9,713 9,908 10,106 10,308 10,514 10,724 10,939 11,157 11,381 11,608 11,840 12,077 12,319 12,566 12, Thermal Treatment (LACW (H) (energy recovery) 103,363 103,266 103,124 102,935 102,697 104,751 106,846 108,983 111,162 113,386 115,653 117,966 120,326 122,732 125,187 127,690 130,244 132,849 135,506 138,216 140, LACW (H) Recycling (LACW) 41,883 46,117 50,503 55,046 59,751 60,946 62,165 63,408 64,676 65,970 67,289 68,635 70,008 71,408 72,836 74,293 75,779 77,294 78,840 80,417 82, LACW (H) Composing 14,231 14,410 14,591 14,755 14,938 15,236 15,541 15,852 16,169 16,492 16,822 17,159 17,502 17,852 18,209 18,573 18,945 19,324 19,710 20,104 20, LACW Secondary Landfill (Hazardous) 570 581 593 605 617 629 642 655 688 681 695 770) 723 737 752 767 783 798 814 89,491 33,598 39, 39,598 39, 30,445 33,599 39, 30,445 33,549 34,627 35,320 36,026 36,746 37,481 38,291 39,998 39, | LACW (Other) | (energy recovery) | 1,285 | 1,293 | 1,302 | 1,310 | 1,319 | 1,328 | 1,336 | 1,345 | 1,354 | 1,363 | 1,372 | 1,381 | 1,390 | 1,399 | 1,408 | 1,418 | 1,427 | 1,436 | 1,446 | 1,455 | 1,465 |
| Thermal Treatment (energy recovery) 367 375 384 390 392 394 395 396 396 396 396 397 394 392 391 390 391 392 393 393 394 Thermal Treatment (without energy 3, 451 3,532 3,617 3,667 3,689 3,704 3,714 3,720 3,724 3,730 3,717 3,704 3,693 3,681 3,670 3,678 3,686 3,694 3,702 3,710 3,714 3,720 3,724 3,730 3,717 3,704 3,693 3,681 3,670 3,678 3,686 3,694 3,702 3,710 3,714 3,720 3,724 3,730 3,717 3,704 3,693 3,681 3,670 3,678 3,686 3,694 3,702 3,710 3,714 3,720 3,724 3,730 3,717 3,704 3,693 3,681 3,670 3,678 3,686 3,694 3,702 3,710 3,714 3,720 3,724 3,730 3,717 3,704 3,693 3,681 3,670 3,678 3,686 3,694 3,702 3,710 3,714 3,720 3,724 3,730 3,717 3,704 3,693 3,681 3,670 3,678 3,686 3,694 3,702 3,710 3,714 3,720 3,724 3,730 3,717 3,704 3,693 3,681 3,670 3,678 3,686 3,694 3,702 3,710 3,714 3,720 3,724 3,730 3,717 3,704 3,693 3,681 3,670 3,678 3,686 3,694 3,702 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3,710 3 | LACW (Other) | Recycling (LACW) | 16,010 | 16,115 | 16,221 | 16,328 | 16,435 | 16,543 | 16,651 | 16,761 | 16,871 | 16,981 | 17,093 | 17,205 | 17,318 | 17,432 | 17,546 | 17,661 | 17,777 | 17,894 | 18,012 | 18,130 | 18,249 |
| Hazardous waste (energy recovery) 367 375 384 390 392 394 395 395 396 396 395 394 392 391 390 391 392 393 393 393 394 394 395 395 396 396 395 394 392 391 390 391 392 393 393 393 394 394 395 395 396 396 395 396 396 395 394 392 391 390 391 392 393 393 393 394 395 396 396 396 396 396 396 396 396 396 396 | Hazardous waste | Landfill (Hazardous) | 6,566 | 6,719 | 6,882 | 6,976 | 7,019 | 7,047 | 7,067 | 7,077 | 7,085 | 7,096 | 7,071 | 7,047 | 7,026 | 7,004 | 6,981 | 6,997 | 7,012 | 7,027 | 7,043 | 7,058 | 7,074 |
| Thermal Treatment (without energy 1,4231 14,410 14,591 14,755 14,938 15,236 15,236 14,000 14,281 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 14,001 1 | | Thermal Treatment | | | | | | | | | | | | | | | | | | | | | |
| Hazardous waste Recycling (Hazardous) 19,860 20,323 20,816 21,100 21,230 21,314 21,374 21,406 21,429 21,461 21,387 21,314 21,251 21,184 21,115 21,162 21,208 21,255 21,301 21,348 21, Hazardous waste Recycling (Hazardous) 19,860 20,323 20,816 21,100 21,230 21,314 21,374 21,406 21,429 21,461 21,387 21,314 21,251 21,184 21,115 21,162 21,208 21,255 21,301 21,348 21, Hazardous waste Treatment plant 6,227 6,373 6,527 6,616 6,667 6,683 6,702 6,712 6,719 6,730 6,706 6,683 6,663 6,643 6,621 6,636 6,650 6,665 6,679 6,694 6, Hazardous waste Recycling (Hazardous) 13,024 12,158 11,271 10,325 9,336 9,523 9,713 9,908 10,106 10,308 10,514 10,724 10,939 11,157 11,381 11,608 11,840 12,077 12,319 12,565 12, Hazardous waste (energy recovery) 103,363 103,266 103,124 102,935 102,697 104,751 106,846 108,983 111,162 113,386 115,653 117,966 120,326 122,732 125,187 127,690 130,244 132,849 135,506 138,216 140, Hazardous 14,231 14,410 14,251 14,755 14,938 15,236 15,541 15,682 16,169 16,492 16,822 17,159 17,502 17,852 18,209 18,573 18,945 19,324 19,710 20,104 20,400 20,768 27,303 27,849 28,406 28,974 29,554 30,145 30,748 31,363 31,990 32,630 33,282 33,948 34,627 35,320 36,026 36,746 37,481 33,231 38,996 39, Hazardous Recycling (LACW) 26,768 27,303 27,849 28,406 28,974 29,554 30,145 30,748 31,363 31,990 32,630 33,282 33,948 34,627 35,320 36,026 36,746 37,481 33,231 38,996 39, Hazardous 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 2 | Hazardous waste | (energy recovery) | 367 | 375 | 384 | 390 | 392 | 394 | 395 | 395 | 396 | 396 | 395 | 394 | 392 | 391 | 390 | 391 | 392 | 393 | 393 | 394 | 395 |
| Hazardous waste recovery) 3,451 3,532 3,617 3,667 3,689 3,704 3,714 3,720 3,724 3,730 3,717 3,704 3,693 3,681 3,670 3,678 3,686 3,694 3,702 3,710 3,714 142ardous waste Recycling (Hazardous) 19,860 20,323 20,816 21,100 21,230 21,314 21,374 21,406 21,429 21,461 21,387 21,314 21,251 21,184 21,115 21,162 21,208 21,256 21,301 21,348 21,142ardous waste Treatment plant 6,227 6,373 6,527 6,616 6,657 6,683 6,702 6,712 6,719 6,730 6,706 6,683 6,663 6,663 6,663 6,663 6,663 6,665 6,665 6,679 6,694 6,694 6,702 6,712 6,719 6,730 6,706 6,708 6,708 6,708 6,708 6,708 6,708 6,708 6,708 6,708 6,708 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6,709 6 | | Thermal Treatment | | | | | | | | | | | | | | | | | | | | | 1 |
| Hazardous waste Recycling (Hazardous) 19,860 20,323 20,816 21,100 21,230 21,314 21,374 21,406 21,429 21,461 21,387 21,314 21,251 21,184 21,115 21,162 21,208 21,255 21,301 21,348 21, Hazardous waste Treatment plant 6,227 6,373 6,527 6,616 6,657 6,683 6,702 6,712 6,719 6,730 6,706 6,683 6,663 6,643 6,621 6,636 6,650 6,665 6,679 6,694 6, LACW (H) Landfill (C+I and LACW) 13,024 12,158 11,271 10,325 9,336 9,523 9,713 9,908 10,106 10,308 10,514 10,724 10,939 11,157 11,381 11,608 11,840 12,077 12,319 12,565 12, Thermal Treatment (energy recovery) 103,363 103,266 103,124 102,935 102,697 104,751 106,846 108,983 111,162 113,386 115,653 117,966 120,326 122,732 125,187 127,690 130,244 132,849 135,506 138,216 140, LACW (H) Recycling (LACW) 41,883 46,117 50,503 55,046 59,751 60,946 62,165 63,408 64,676 65,970 67,289 68,635 70,008 71,408 72,836 74,293 75,779 77,294 78,840 80,417 82, LACW (H) Composting 14,231 14,410 14,591 14,755 14,938 15,236 15,541 15,852 16,169 16,492 16,822 17,159 17,502 17,552 18,09 18,573 18,945 93,004 80,477 82, LACW Secondary Recycling (LACW) 26,768 27,303 27,849 28,406 28,974 29,554 30,145 30,748 31,363 31,990 32,630 33,282 33,948 34,627 35,320 36,026 36,746 37,481 38,231 38,996 39, | | , 0, | | | | | | | | | | | | | | | | | | | | | 1 |
| Hazardous waste Treatment plant 6,227 6,373 6,527 6,616 6,657 6,683 6,702 6,712 6,719 6,730 6,706 6,683 6,663 6,643 6,621 6,636 6,650 6,665 6,669 6,694 6, Landfill (C+l and LACW) 13,024 12,158 11,271 10,325 9,336 9,523 9,713 9,908 10,106 10,308 10,514 10,724 10,939 11,157 11,381 11,608 11,840 12,077 12,319 12,565 12, Thermal Treatment (energy recovery) 103,363 103,266 103,124 102,935 102,697 104,751 106,846 108,983 111,162 113,386 115,653 117,966 120,326 122,732 125,187 127,690 130,244 132,849 135,506 138,216 140, LACW (H) Recycling (LACW) 41,883 46,117 50,503 55,046 59,751 60,946 62,165 63,408 64,676 65,970 67,289 68,635 70,008 71,408 72,836 74,293 75,779 77,294 78,840 80,417 82, LACW (H) Composting 14,231 14,410 14,591 14,755 14,938 15,236 15,541 15,852 16,169 16,492 16,822 17,159 17,502 17,852 18,09 18,573 18,945 19,324 19,710 20,104 20, LACW Secondary Recycling (LACW) 26,768 27,303 27,849 28,406 28,974 29,554 30,145 30,748 31,363 31,990 32,630 33,282 33,948 34,627 35,320 36,026 36,746 37,481 38,231 38,996 39, | | | | | | | | -, - | | | | | | | -, | | -, | | | | | | 3,718 |
| LACW (H) Landfill (C+I and LACW) 13,024 12,158 11,271 10,325 9,336 9,523 9,713 9,908 10,106 10,308 10,514 10,724 10,939 11,157 11,381 11,608 11,840 12,077 12,319 12,565 12, Thermal Treatment (energy recovery) 103,363 103,266 103,124 102,935 102,697 104,751 106,846 108,983 111,162 113,386 115,653 117,966 120,326 122,732 125,187 127,690 130,244 132,849 135,506 138,216 140, LACW (H) Recycling (LACW) 41,883 46,117 50,503 55,046 59,751 60,946 62,165 63,408 64,676 65,970 67,289 68,635 70,008 71,408 72,836 74,293 75,779 77,294 78,840 80,417 82, LACW (H) Composting 14,231 14,410 14,591 14,755 14,938 15,236 15,541 15,852 16,169 16,492 116,822 17,159 17,502 17,852 18,009 18,573 18,945 19,324 19,710 20,104 20, LACW Secondary Landfill (Hazardous) 570 581 593 605 617 629 642 655 668 681 695 709 723 737 752 767 783 798 814 831 LACW Secondary Recycling (LACW) 26,768 27,303 27,849 28,406 28,974 29,9554 30,145 30,748 33,963 39,748 34,627 35,202 36,026 36,766 37,818 36,231 38,996 39, | | , , , | -,, | | | , | | | | , | , , | , . | , | | , , | | , - | , , | | _ | , | , , | 21,395 |
| LACW (H) (energy recovery) 103,363 103,266 103,124 102,935 102,697 104,751 106,846 108,983 111,162 113,386 115,663 117,966 120,326 122,732 125,187 127,690 130,244 132,849 135,506 138,216 140, 140, 140, 140, 140, 140, 140, 140, | Hazardous waste | Treatment plant | 6,227 | 6,373 | 6,527 | 6,616 | 6,657 | 6,683 | 6,702 | 6,712 | 6,719 | 6,730 | 6,706 | 6,683 | 6,663 | 6,643 | 6,621 | 6,636 | 6,650 | 6,665 | 6,679 | 6,694 | 6,709 |
| LACW (H) (energy recovery) 103,363 103,266 103,124 102,935 102,697 104,751 106,846 108,983 111,162 113,386 115,663 117,966 120,326 122,732 125,187 127,690 130,244 132,849 135,506 138,216 140, 140, 140, 140, 140, 140, 140, 140, | I A C/A/ /LI) | Londfill (Cullond LACW) | 12.024 | 10 150 | 11 071 | 10.225 | 0.226 | 0.522 | 0.712 | 0.000 | 10 100 | 10 200 | 10 514 | 10 704 | 10.020 | 11 157 | 11 201 | 11 600 | 11 040 | 12.077 | 12 210 | 10 565 | 12,816 |
| LACW (H) (energy recovery) 103,363 103,266 103,124 102,935 102,697 104,751 106,846 108,983 111,162 113,386 115,653 117,966 120,326 122,732 125,187 127,690 130,244 132,849 135,506 138,216 140, LACW (H) Recycling (LACW) 41,883 46,117 50,503 55,046 59,751 60,946 62,165 63,408 64,676 65,970 67,289 68,635 70,008 71,408 72,836 74,293 75,779 77,294 78,840 80,417 82, LACW (H) Composting 14,231 14,410 14,591 14,755 14,938 15,236 15,541 15,852 16,169 16,492 16,822 17,159 17,502 17,852 18,209 18,573 18,945 19,324 19,710 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,10 | LACW (II) | | 13,024 | 12,130 | 11,2/1 | 10,323 | 9,330 | 9,323 | 9,713 | 9,900 | 10,106 | 10,300 | 10,514 | 10,724 | 10,939 | 11,137 | 11,301 | 11,000 | 11,040 | 12,077 | 12,319 | 12,303 | 12,010 |
| LACW (H) Recycling (LACW) 41,883 46,117 50,503 55,046 59,751 60,946 62,165 63,408 64,676 65,970 67,289 68,635 70,008 71,408 72,836 74,293 75,779 77,294 78,840 80,417 82, LACW (H) Composting 14,231 14,410 14,591 14,755 14,938 15,236 15,541 15,852 16,169 16,492 16,822 17,159 17,502 17,852 18,209 18,573 18,945 19,324 19,710 20,104 20, LACW Secondary Landfill (Hazardous) 570 581 593 605 617 629 642 655 668 681 695 709 723 737 752 767 783 79,841 814 831 LACW Secondary Recycling (LACW) 26,768 27,303 27,849 28,406 28,974 29,554 30,145 30,748 13,363 1,990 32,630 33,282 33,948 34,627 35,320 36,026 36,746 37,81 38,231 38,996 39, | LACW (H) | | 103 363 | 103 266 | 103 124 | 102 935 | 102 607 | 104 751 | 106.846 | 108 983 | 111 162 | 113 386 | 115 653 | 117 066 | 120 326 | 122 732 | 125 197 | 127 600 | 130 244 | 132 8/0 | 135 506 | 138 216 | 140,981 |
| LACW (H) Composting 14,231 14,410 14,591 14,755 14,938 15,236 15,541 15,852 16,169 16,492 17,159 17,502 17,852 18,209 18,573 18,945 19,324 19,710 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20,104 20, | | | | | | . , | . , | - , | | | | | | , | | | | , | | . , | , | | 82,025 |
| LACW Secondary Landfill (Hazardous) 570 581 593 605 617 629 642 655 668 681 695 709 723 737 752 767 783 798 814 831 LACW Secondary Recycling (LACW) 26,768 27,303 27,849 28,406 28,974 29,554 30,145 30,748 31,363 31,990 32,630 33,282 33,948 34,627 35,320 36,026 36,746 37,481 38,231 38,996 39, | | , , , | , | | | | | | | | | | - , | | -, | | , | , | | , , | -, | | 20,506 |
| LACW Secondary Recycling (LACW) 26,768 27,303 27,849 28,406 28,974 29,554 30,145 30,748 31,363 31,990 32,630 33,282 33,948 34,627 35,320 36,026 36,746 37,481 38,231 38,996 39, | | | | | | | | | | | | | | | | | | _ | | _ | _ | _ | 847 |
| | | | | | | | | | | | | | | | | | | | | | | | 39,776 |
| perconnecting procyoning processing processi | LACW Secondary | Recycling (Metals) | 2,382 | 2,430 | 2,478 | 2,528 | 2,579 | 2,630 | 2,683 | 2,736 | 2,791 | 2,847 | 2,904 | 2,962 | 3,021 | 3,082 | 3,143 | 3,206 | 3,270 | 3,336 | 3,402 | 3,470 | 3,540 |

Growth Option 2

| di owtii oj | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|---------|---------|---------|---------|---------|---------|---------|
| Growth 2/ Baseline recycling | | | | | | | | | | | | | | | | | | | | | | |
| Waste Type | Facility Type | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 |
| | | | | | | | | | | | | | | | | | | | | | | |
| Industrial Waste | Landfill (C+I and LACW) | 50,481 | 51,492 | 52,575 | 53,126 | 53,286 | 53,331 | 53,316 | 53,233 | 53,130 | 53,053 | 52,712 | 52,382 | 52,081 | 51,774 | 51,467 | 51,142 | 50,819 | 50,498 | 50,179 | 49,862 | 49,547 |
| Industrial Waste | Recycling (C+I, Agri) | 80,770 | 82,388 | 84,120 | 85,002 | 85,258 | 85,330 | 85,306 | 85,173 | 85,007 | 84,885 | 84,339 | 83,812 | 83,330 | 82,838 | 82,348 | 81,827 | 81,310 | 80,797 | 80,286 | 79,779 | 79,275 |
| Industrial Waste | Composting | 2,019 | 2,060 | 2,103 | 2,125 | 2,131 | 2,133 | 2,133 | 2,129 | 2,125 | 2,122 | 2,108 | 2,095 | 2,083 | 2,071 | 2,059 | 2,046 | 2,033 | 2,020 | 2,007 | 1,994 | 1,982 |
| Industrial Waste | Recycling (Metals) | 60,577 | 61,791 | 63,090 | 63,752 | 63,944 | 63,997 | 63,979 | 63,880 | 63,755 | 63,664 | 63,254 | 62,859 | 62,497 | 62,129 | 61,761 | 61,370 | 60,983 | 60,597 | 60,215 | 59,834 | 59,456 |
| Industrial Waste | Treatment plant | 2,019 | , | 2,103 | 2,125 | 2,131 | 2,133 | 2,133 | 2,129 | 2,125 | 2,122 | 2,108 | 2,095 | 2,083 | 2,071 | 2,059 | 2,046 | | 2,020 | 2,007 | 1,994 | 1,982 |
| Industrial Waste | Land recovery | 6,058 | 6,179 | 6,309 | 6,375 | 6,394 | 6,400 | 6,398 | 6,388 | 6,376 | | 6,325 | 6,286 | 6,250 | 6,213 | 6,176 | 6,137 | 6,098 | 6,060 | 6,021 | 5,983 | 5,946 |
| Industrial Waste | Don't know | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | | | | | | | | | | | | | | | |
| Commercial Waste | Landfill (C+I and LACW) | 58,615 | 59,037 | 59,462 | 59,861 | 60,285 | 60,718 | 61,136 | 61,554 | 61,969 | 62,381 | 62,940 | 63,513 | 64,081 | 64,657 | 65,269 | 65,889 | 66,515 | 67,146 | 67,783 | 68,427 | 69,077 |
| | Thermal Treatment | | | | | | | | | | | | | | | | | | | | | |
| Commercial Waste | (energy recovery) | 1,891 | 1,904 | 1,918 | 1,931 | 1,945 | 1,959 | 1,972 | 1,986 | 1,999 | 2,012 | 2,030 | 2,049 | 2,067 | 2,086 | 2,105 | 2,125 | 2,146 | 2,166 | 2,187 | 2,207 | 2,228 |
| | Thermal Treatment | | | | | | | | | | | | | | | | | | | | | |
| | (without energy | | | | | | | | | | | | | | | | | | | | | |
| Commercial Waste | recovery) | 1,891 | 1,904 | 1,918 | 1,931 | 1,945 | 1,959 | 1,972 | 1,986 | 1,999 | 2,012 | 2,030 | 2,049 | 2,067 | 2,086 | 2,105 | 2,125 | 2,146 | 2,166 | 2,187 | 2,207 | 2,228 |
| Commercial Waste | Recycling (C+I, Agri) | 122,903 | 123,788 | 124,678 | 125,515 | 126,404 | 127,312 | 128,188 | 129,066 | 129,934 | 130,799 | 131,972 | 133,172 | 134,363 | 135,572 | 136,855 | 138,154 | 139,466 | 140,790 | 142,127 | 143,476 | 144,838 |
| Commercial Waste | Composting | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Commercial Waste | Treatment plant | 3,782 | 3,809 | 3,836 | 3,862 | 3,889 | 3,917 | 3,944 | 3,971 | 3,998 | 4,025 | 4,061 | 4,098 | 4,134 | 4,171 | 4,211 | 4,251 | 4,291 | 4,332 | 4,373 | 4,415 | 4,457 |
| Commercial Waste | Don't know | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction and Demolition | | | | | | | | | | | | | | | | | | | | | | |
| Waste | Landfill (CD&E) | 11,115 | 11,338 | 11,577 | 11,698 | 11,733 | 11,743 | 11,740 | 11,721 | 11,699 | 11,682 | 11,607 | 11,534 | 11,468 | 11,400 | 11,333 | 11,261 | 11,190 | 11,119 | 11,049 | 10,979 | 10,910 |
| Construction and Demolition | | | | | | | | | | | | | | | | | | | | | | |
| Waste | Recycling (Inerts C+D) | 26,934 | 27,473 | 28,051 | 28,345 | 28,430 | 28,454 | 28,446 | 28,402 | 28,347 | 28,306 | 28,124 | 27,948 | 27,787 | 27,623 | 27,460 | 27,286 | 27,114 | 26,943 | 26,772 | 26,603 | 26,435 |
| Construction and Demolition | | | | | | | | | | | | | | | | | | | | | | |
| Waste | Other Treatment | 47,454 | 48,405 | 49,423 | 49,941 | 50,091 | 50,133 | 50,119 | 50,041 | 49,944 | 49,872 | 49,551 | 49,241 | 48,958 | 48,670 | 48,381 | 48,076 | 47,772 | 47,470 | 47,170 | 46,872 | 46,576 |
| Excavation Waste | Landfill (CD&E) | 141,513 | 144,349 | 147,384 | 148,929 | 149,378 | 149,503 | 149,461 | 149,228 | 148,938 | 148,724 | 147,767 | 146,843 | 145,999 | 145,138 | 144,278 | 143,366 | 142,461 | 141,561 | 140,666 | 139,778 | 138,895 |
| Excavation Waste | Recycling (Inerts C+D) | 57,565 | 58,718 | 59,953 | 60,581 | 60,764 | 60,815 | 60,798 | 60,703 | 60,585 | 60,498 | 60,109 | 59,733 | 59,389 | 59,039 | 58,689 | 58,319 | 57,950 | 57,584 | 57,220 | 56,859 | 56,499 |
| Excavation Waste | Other Treatment | 2,399 | 2,447 | 2,498 | 2,524 | 2,532 | 2,534 | 2,533 | 2,529 | 2,524 | 2,521 | 2,505 | 2,489 | 2,475 | 2,460 | 2,445 | 2,430 | 2,415 | 2,399 | 2,384 | 2,369 | 2,354 |
| Excavation Waste | Land recovery | 38,377 | 39,145 | 39,968 | 40,388 | 40,509 | 40,543 | 40,532 | 40,469 | 40,390 | 40,332 | 40,072 | 39,822 | 39,593 | 39,359 | 39,126 | 38,879 | 38,633 | 38,389 | 38,147 | 37,906 | 37,666 |
| | Incineration (Animal By- | | | | | | | | | | | | | | | | | | | | | |
| Agricultural Waste | Product) | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 |
| Agricultural Waste | Recycling (C+I, Agri) | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 |
| Agricultural Waste | Treatment plant | 1.034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 |
| 3 | | , | , | , | , | , | , | , | , | , | , | , | , | , | , | , | , | , | , | , | , | |
| LACW (Other) | Landfill (C+I and LACW) | 450 | 453 | 456 | 460 | 463 | 466 | 469 | 472 | 476 | 479 | 482 | 486 | 489 | 492 | 496 | 499 | 503 | 506 | 510 | 513 | 517 |
| | Thermal Treatment | | | | | | | | | | | | | | | | | | | | | |
| LACW (Other) | (energy recovery) | 1,286 | 1,295 | 1,304 | 1,313 | 1,322 | 1,331 | 1,341 | 1,350 | 1,359 | 1,369 | 1,378 | 1,388 | 1,397 | 1,407 | 1,417 | 1,427 | 1,436 | 1,446 | 1,456 | 1,466 | 1,477 |
| LACW (Other) | Recycling (LACW) | 16,027 | 16,138 | 16,250 | 16,362 | 16,475 | 16,589 | 16,704 | 16,820 | 16,936 | 17,053 | 17,171 | 17,290 | 17,410 | 17,530 | 17,651 | 17.774 | 17,897 | 18,020 | 18,145 | 18,271 | 18,397 |
| Hazardous waste | Landfill (Hazardous) | 6,500 | 6,631 | 6,770 | 6,841 | 6,862 | 6,867 | 6,866 | 6,855 | 6,842 | 6,832 | 6,788 | 6,745 | 6,706 | 6,667 | 6,627 | 6,586 | 6,544 | 6,503 | 6,462 | 6,421 | 6,380 |
| nazardodo waoto | Thermal Treatment | 0,000 | 0,00 | 0, | 0,0 | 0,002 | 0,00. | 0,000 | 0,000 | 0,0.2 | 0,002 | 0,.00 | 0,1.10 | 0,100 | 0,00. | 0,02. | 0,000 | 0,0 | 0,000 | 0, .02 | 0, | - 0,000 |
| Hazardous waste | (energy recovery) | 363 | 370 | 378 | 382 | 383 | 384 | 384 | 383 | 382 | 382 | 379 | 377 | 375 | 372 | 370 | 368 | 366 | 363 | 361 | 359 | 356 |
| Tidzurdodo waoto | Thermal Treatment | 000 | 010 | 010 | 002 | 000 | 001 | 001 | 000 | 002 | 002 | 010 | 011 | 0,0 | OIL | 0.0 | 000 | 000 | 000 | 001 | 000 | - 000 |
| | (without energy | | | | | | | | | | | | | | | | | | | | | |
| Hazardous waste | recovery) | 3.417 | 3,485 | 3,559 | 3,596 | 3,607 | 3,610 | 3,609 | 3,603 | 3,596 | 3,591 | 3,568 | 3,545 | 3,525 | 3,504 | 3,484 | 3,462 | 3,440 | 3,418 | 3,396 | 3,375 | 3,354 |
| Hazardous waste | Recycling (Hazardous) | 19,661 | 20,055 | 20,477 | 20,692 | 20,754 | 20,771 | 20,765 | 20,733 | 20,693 | 20,663 | 20,530 | 20,402 | 20,284 | 20,165 | 20,045 | 19,919 | | 19,668 | 19,544 | 19,420 | 19,297 |
| Hazardous waste | Treatment plant | 6,165 | 6,289 | 6,421 | 6,488 | 6,508 | 6,513 | 6,511 | 6,501 | 6,489 | 6,479 | 6,438 | 6,397 | 6,361 | 6,323 | 6,286 | 6,246 | 6,206 | 6,167 | 6,128 | 6,089 | 6,051 |
| i iazai uous waste | meannem plant | 0,100 | 0,209 | 0,421 | 0,400 | 0,000 | 0,013 | 0,011 | 0,501 | 0,409 | 0,419 | 0,430 | 0,387 | 0,301 | 0,323 | 0,200 | 0,240 | 0,200 | 0,107 | 0,120 | 0,009 | 0,001 |
| I A C/A/ (H) | Landfill (Culland LAC)A/\ | 16 244 | 16 677 | 17.016 | 17.362 | 17.716 | 10.076 | 18.444 | 10 000 | 19.203 | 10.504 | 19.993 | 20.200 | 20.815 | 21.238 | 21.671 | 22.112 | 22.562 | 22 024 | 23.490 | 23.968 | 24 456 |
| LACW (H) | Landfill (C+I and LACW) Thermal Treatment | 16,344 | 16,677 | 17,016 | 17,302 | 17,710 | 18,076 | 10,444 | 18,820 | 19,203 | 19,594 | 19,993 | 20,399 | ∠∪,Ծ15 | Z1,Z38 | 21,0/1 | 22,112 | 22,502 | 23,021 | ∠ა,490 | ∠ა,908 | 24,456 |
| LACW (LD | | 400 040 | 440.077 | 444.050 | 440.000 | 110 001 | 104 105 | 400.057 | 400 400 | 400.055 | 404 000 | 404.000 | 407.007 | 400.007 | 4 40 70 4 | 445 000 | 440.004 | 454 000 | 454 745 | 457.004 | 104 077 | 104 050 |
| LACW (H) | (energy recovery) | 109,842 | | 114,359 | 116,686 | 119,061 | 121,485 | 123,957 | 126,480 | 129,055 | | | 137,097 | 139,887 | 142,734 | 145,639 | | 151,629 | 154,715 | , | 161,077 | 164,356 |
| LACW (H) | Recycling (LACW) | 31,919 | . , | 33,231 | 33,908 | 34,598 | 35,302 | 36,021 | 36,754 | 37,502 | 38,265 | 39,044 | 39,839 | 40,650 | 41,477 | 42,321 | 43,183 | 44,062 | 44,959 | 45,874 | 46,807 | 47,760 |
| LACW (H) | Composting | 14,576 | | 15,176 | 15,484 | 15,800 | 16,121 | 16,449 | 16,784 | 17,126 | | 17,830 | 18,193 | 18,563 | 18,941 | 19,327 | 19,720 | 20,121 | 20,531 | 20,949 | 21,375 | 21,810 |
| LACW Secondary | Landfill (Hazardous) | 571 | 582 | 594 | 606 | 619 | 631 | 644 | 657 | 671 | 684 | 698 | 712 | 727 | 742 | 757 | 772 | 788 | 804 | 820 | 837 | 854 |
| LACW Secondary | Recycling (LACW) | 26,796 | ,- | 27,897 | 28,465 | 29,045 | 29,636 | 30,239 | 30,855 | 31,483 | 32,123 | 32,777 | 33,444 | 34,125 | 34,820 | 35,528 | 36,252 | | 37,742 | , | 39,294 | 40,094 |
| LACW Secondary | Recycling (Metals) | 2,385 | 2,433 | 2,483 | 2,533 | 2,585 | 2,637 | 2,691 | 2,746 | 2,802 | 2,859 | 2,917 | 2,976 | 3,037 | 3,099 | 3,162 | 3,226 | 3,292 | 3,359 | 3,427 | 3,497 | 3,568 |

| Waste Type | Facility Type | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2 |
|-----------------------------|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| vvadio Typo | 1 domey 1ypo | 2010 | 2011 | 2010 | 2010 | 2020 | 2021 | LULL | 2020 | LULI | 2020 | 2020 | LULI | 2020 | 2020 | 2000 | 2001 | ZOOZ | 2000 | 2001 | 2000 | |
| Industrial Waste | Landfill (C+I and LACW) | 42,687 | 40,906 | 39,053 | 36,742 | 34,103 | 33,364 | 32,565 | 31,748 | 30,921 | 30,092 | 29,139 | 28,182 | 27,270 | 26,363 | 25,445 | 24,548 | 24,393 | 24,239 | 24,086 | 23,934 | 1 2 |
| Industrial Waste | Recycling (C+I, Agri) | 89,432 | 94,149 | 99,136 | 103,214 | 106,573 | 107,622 | 108,573 | 109,362 | | | | 111,427 | 111,745 | | | | 111,802 | | 110,394 | , | _ |
| Industrial Waste | Composting | 2,019 | 2,060 | 2,103 | 2,125 | 2,131 | 1,941 | 1,749 | 1,554 | 1,360 | 1,167 | 949 | 754 | 562 | 373 | 185 | 0 | 0 | 0 | 0 | 0 | ٦Ė |
| Industrial Waste | Recycling (Metals) | 60,577 | 61.791 | 63.090 | 63,752 | 63.944 | 63,997 | 63,979 | 63,880 | 63,755 | 63,664 | 63,254 | 62.859 | 62,497 | 62.129 | 61.761 | 61.370 | 60.983 | 60.597 | 60.215 | 59.834 | |
| Industrial Waste | Treatment plant | 1,151 | 886 | 610 | 298 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ı |
| Industrial Waste | Land recovery | 6,058 | 6.179 | 6,309 | 6,375 | 6,394 | 6,400 | 6,398 | 6,388 | 6,376 | 6,366 | 6,325 | 6,286 | 6,250 | 6,213 | 6,176 | 6,137 | 6,098 | 6,060 | 6,021 | 5,983 | ı |
| Industrial Waste | Don't know | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 一 |
| | | | | | | | | | | | | | | | | | | | | | | T |
| Commercial Waste | Landfill (C+I and LACW) | 46,457 | 42,716 | 38,919 | 35,028 | 31,115 | 30,261 | 29,404 | 28,514 | 27,626 | 26,703 | 25,846 | 24,954 | 24,061 | 23,131 | 22,213 | 21,255 | 21,456 | 21,660 | 21,866 | 22,073 | 3 |
| | Thermal Treatment | | | | · | | | | | · | | | | | | | | | | | | T |
| Commercial Waste | (energy recovery) | 5,937 | 7,351 | 8,766 | 10,215 | 11,668 | 11,752 | 11,833 | 11,914 | 11,994 | 12,074 | 12,182 | 12,293 | 12,403 | 12,514 | 12,633 | 12,753 | 12,874 | 12,996 | 13,119 | 13,244 | ıl · |
| | Thermal Treatment | | | | | | | | | | | | | | | | | | | | | T |
| | (without energy | | | | | | | | | | | | | | | | | | | | | |
| Commercial Waste | recovery) | 1,078 | 819 | 556 | 270 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | , |
| Commercial Waste | Recycling (C+I, Agri) | 131,015 | 134,663 | 138,374 | 142,064 | 145,851 | 147,779 | 149,703 | 151,622 | 153,562 | 155,490 | 157,818 | 160,175 | 162,559 | 164,959 | 167,490 | 170,036 | 171,651 | 173,280 | 174,925 | 176,586 | 17 |
| Commercial Waste | Composting | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | , |
| Commercial Waste | Treatment plant | 4,595 | 4,894 | 5,198 | 5,523 | 5,834 | 6,052 | 6,271 | 6,493 | 6,717 | 6,942 | 7,208 | 7,458 | 7,710 | 7,967 | 8,232 | 8,502 | 8,583 | 8,664 | 8,746 | 8,829 | Ī |
| Commercial Waste | Don't know | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Ī |
| Construction and Demolition | | | | | | | | | | | | | | | | | | | | | | Γ |
| Waste | Landfill (CD&E) | 10,012 | 9,847 | 9,671 | 9,385 | 9,025 | 9,033 | 9,030 | 9,016 | 8,999 | 8,986 | 8,928 | 8,872 | 8,821 | 8,769 | 8,717 | 8,662 | 8,608 | 8,553 | 8,499 | 8,445 | , |
| Construction and Demolition | | | | | | | | | | | | | | | | | | | | | | |
| Waste | Recycling (Inerts C+D) | 30,046 | 31,712 | 33,456 | 34,905 | 36,102 | 36,539 | 36,944 | 37,292 | 37,633 | 37,984 | 38,150 | 38,311 | 38,496 | 38,664 | 38,836 | 38,980 | 38,734 | 38,489 | 38,246 | 38,005 | 5 ; |
| Construction and Demolition | | | | | | | | | | | | | | | | | | | | | | |
| Waste | Other Treatment | 45,436 | 45,666 | 45,923 | 45,703 | 45,127 | 44,759 | 44,331 | 43,856 | 43,357 | 42,890 | 42,203 | 41,540 | 40,896 | 40,260 | 39,620 | 38,980 | 38,734 | 38,489 | 38,246 | 38,005 | 5 ; |
| Excavation Waste | Landfill (CD&E) | 126,427 | 123,039 | 119,556 | 114,675 | 108,869 | 107,819 | 106,624 | 105,320 | 103,954 | 102,670 | 100,857 | 99,106 | 97,398 | 95,717 | 94,025 | 92,338 | 91,754 | 91,175 | 90,599 | 90,026 | 6 |
| Excavation Waste | Recycling (Inerts C+D) | 75,386 | 82,132 | 89,205 | 95,567 | 101,273 | 102,498 | 103,634 | 104,612 | 105,569 | 106,552 | 107,018 | 107,469 | 107,989 | 108,460 | 108,942 | 109,347 | 108,656 | 107,970 | 107,288 | 106,610 | 10 |
| Excavation Waste | Other Treatment | 3,766 | 3,499 | 3,222 | 2,878 | 2,532 | 2,534 | 2,533 | 2,529 | 2,524 | 2,521 | 2,505 | 2,489 | 2,475 | 2,460 | 2,445 | 2,430 | 2,415 | 2,399 | 2,384 | 2,369 | , |
| Excavation Waste | Land recovery | 34,275 | 35,989 | 37,820 | 39,302 | 40,509 | 40,543 | 40,532 | 40,469 | 40,390 | 40,332 | 40,072 | 39,822 | 39,593 | 39,359 | 39,126 | 38,879 | 38,633 | 38,389 | 38,147 | 37,906 | 3 |
| | Incineration (Animal By- | | | | | | | | | | | | | | | | | | | | | |
| Agricultural Waste | Product) | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | , |
| Agricultural Waste | Recycling (C+I, Agri) | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | |
| Agricultural Waste | Treatment plant | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | |
| | | | | | | | | | | | | | | | | | | | | | | |
| LACW (Other) | Landfill (C+I and LACW) | 450 | 453 | 456 | 460 | 463 | 466 | 469 | 472 | 476 | 479 | 482 | 486 | 489 | 492 | 496 | 499 | 503 | 506 | 510 | 513 | 4 |
| | Thermal Treatment | | | | | | | | | | | | | | | | | | | | | |
| LACW (Other) | (energy recovery) | 1,286 | 1,295 | 1,304 | 1,313 | 1,322 | 1,331 | 1,341 | 1,350 | 1,359 | 1,369 | 1,378 | 1,388 | 1,397 | 1,407 | 1,417 | 1,427 | 1,436 | 1,446 | 1,456 | 1,466 | _ |
| LACW (Other) | Recycling (LACW) | 16,027 | 16,138 | 16,250 | 16,362 | 16,475 | 16,589 | 16,704 | 16,820 | 16,936 | 17,053 | 17,171 | 17,290 | 17,410 | 17,530 | 17,651 | 17,774 | , | 18,020 | 18,145 | 18,271 | |
| Hazardous waste | Landfill (Hazardous) | 6,500 | 6,631 | 6,770 | 6,841 | 6,862 | 6,867 | 6,866 | 6,855 | 6,842 | 6,832 | 6,788 | 6,745 | 6,706 | 6,667 | 6,627 | 6,586 | 6,544 | 6,503 | 6,462 | 6,421 | \perp |
| | Thermal Treatment | | | | | | | | | | | | | | | | | | | | | |
| Hazardous waste | (energy recovery) | 363 | 370 | 378 | 382 | 383 | 384 | 384 | 383 | 382 | 382 | 379 | 377 | 375 | 372 | 370 | 368 | 366 | 363 | 361 | 359 | 4_ |
| | Thermal Treatment | | | | | | | | | | | | | | | | | | | | | |
| | (without energy | | | | | _ | | | | | | | | | | | | | | | _ | 5 |
| Hazardous waste | recovery) | 3,417 | 3,485 | 3,559 | 3,596 | 3,607 | 3,610 | 3,609 | 3,603 | 3,596 | 3,591 | 3,568 | 3,545 | 3,525 | 3,504 | 3,484 | 3,462 | 3,440 | 3,418 | 3,396 | 3,375 | _ |
| Hazardous waste | Recycling (Hazardous) | 19,661 | 20,055 | 20,477 | 20,692 | 20,754 | 20,771 | 20,765 | 20,733 | 20,693 | 20,663 | 20,530 | 20,402 | 20,284 | 20,165 | 20,045 | 19,919 | -, | 19,668 | 19,544 | 19,420 | _ |
| Hazardous waste | Treatment plant | 6,165 | 6,289 | 6,421 | 6,488 | 6,508 | 6,513 | 6,511 | 6,501 | 6,489 | 6,479 | 6,438 | 6,397 | 6,361 | 6,323 | 6,286 | 6,246 | 6,206 | 6,167 | 6,128 | 6,089 | 4 |
| | | | | | | | | | | | | | | | | | | | | | | 1 |
| LACW (H) | Landfill (C+I and LACW) | 13,037 | 12,175 | 11,290 | 10,346 | 9,359 | 9,549 | 9,744 | 9,942 | 10,144 | 10,351 | 10,561 | 10,776 | 10,996 | 11,220 | 11,448 | 11,681 | 11,919 | 12,161 | 12,409 | 12,661 | |
| | Thermal Treatment | | | | | | | | | | | | | | | | | | | | | 1 |
| LACW (H) | (energy recovery) | 96,062 | 93,348 | 90,466 | 87,428 | 84,229 | 85,943 | 87,692 | 89,477 | 91,298 | 93,157 | 95,053 | 96,988 | 98,962 | 100,976 | 103,031 | 105,128 | , | 109,451 | 111,679 | 113,952 | _ |
| LACW (H) | Recycling (LACW) | 49,318 | 56,242 | 63,427 | 70,882 | 78,613 | 80,214 | 81,846 | 83,512 | 85,212 | 86,946 | 88,716 | 90,522 | 92,364 | 94,244 | 96,162 | 98,120 | | 102,155 | 104,234 | 106,355 | |
| LACW (H) | Composting | 14,246 | 14,430 | 14,616 | 14,785 | 14,974 | 15,279 | 15,590 | 15,907 | 16,231 | 16,561 | 16,898 | 17,242 | 17,593 | | 18,317 | 18,689 | | 19,458 | 19,854 | 20,258 | |
| LACW Secondary | Landfill (Hazardous) | 571 | 582 | 594 | 606 | 619 | 631 | 644 | 657 | 671 | 684 | 698 | 712 | 727 | 742 | 757 | 772 | | 804 | 820 | 837 | |
| LACW Secondary | Recycling (LACW) | 26,796 | 27,341 | 27,897 | 28,465 | 29,045 | 29,636 | 30,239 | 30,855 | 31,483 | 32,123 | 32,777 | 33,444 | 34,125 | 34,820 | 35,528 | 36,252 | 36,989 | 37,742 | 38,510 | 39,294 | _ |
| LACW Secondary | Recycling (Metals) | 2,385 | 2,433 | 2,483 | 2,533 | 2.585 | 2,637 | 2,691 | 2,746 | 2,802 | 2,859 | 2,917 | 2,976 | 3,037 | 3,099 | 3,162 | 3,226 | 3,292 | 3,359 | 3,427 | 3,497 | 1 |

| Waste Type | Facility Type | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2 |
|-----------------------------|--------------------------|---------------|---------------|---------------|-------------------|---------|---------|---------------|---------------|---------------|---------------|---------|---------|---------------|---------------|-----------------------|---------------|---------------|---------------|---------------|-----------------|--------------|
| | | | | | | | | | | | | | | | | | | | | | | |
| Industrial Waste | Landfill (C+I and LACW) | 47,028 | 46,776 | 46,561 | 45,837 | 44,761 | 44,222 | 43,612 | 42,970 | 42,312 | 41,679 | 40,820 | 39,999 | 39,207 | 38,416 | 37,612 | 36,822 | 36,590 | 36,358 | 36,129 | 35,901 | _ |
| Industrial Waste | Recycling (C+I, Agri) | 85,091 | 88,279 | 91,628 | 94,119 | 95,916 | 96,956 | 97,909 | 98,716 | 99,501 | 100,313 | | | 101,329 | 101,663 | 102,008 | 102,284 | 101,638 | 100,996 | 100,358 | 99,724 | 1 9 |
| Industrial Waste | Composting | 2,019 | 2,060 | 2,103 | 2,125 | 2,131 | 1,941 | 1,749 | 1,554 | 1,360 | 1,167 | 949 | 754 | 562 | 373 | 185 | 0 | 0 | 0 | 0 | 0 | 4 |
| Industrial Waste | Recycling (Metals) | 60,577 | 61,791 | 63,090 | 63,752 | 63,944 | 63,997 | 63,979 | 63,880 | 63,755 | 63,664 | 63,254 | , | 62,497 | 62,129 | 61,761 | 61,370 | 60,983 | 60,597 | 60,215 | 59,834 | ! |
| Industrial Waste | Treatment plant | 1,151 | 886 | 610 | 298 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| Industrial Waste | Land recovery | 6,058 | 6,179 | 6,309 | 6,375 | 6,394 | 6,208 | 6,014 | 5,813 | 5,610 | 5,411 | 5,166 | 4,945 | 4,729 | 4,515 | 4,303 | 4,091 | 4,066 | 4,040 | 4,014 | 3,989 | 4 |
| Industrial Waste | Don't know | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| Commercial Waste | Landfill (C+I and LACW) | 46,457 | 42,716 | 38,919 | 35,028 | 31,115 | 29,556 | 27,965 | 26,349 | 24,708 | 23,041 | 21,420 | 19,750 | 18,046 | 16,310 | 14,549 | 12,753 | 12,874 | 12,996 | 13,119 | 13,244 | ı |
| | Thermal Treatment | , | , | | , | , | | , | , | | , | ,, | , | , | , | , | , | , | , | , | , | t |
| Commercial Waste | (energy recovery) | 9,189 | 11,693 | 14,252 | 16,819 | 19,447 | 20,468 | 21,516 | 22,557 | 23,628 | 24,691 | 25,846 | 27,003 | 28,196 | 29,388 | 30,635 | 31,882 | 32,184 | 32,490 | 32,798 | 33,110 |) |
| Commercial Tracte | Thermal Treatment | 0,100 | 11,000 | , | 10,010 | .0, | 20,100 | 2.,0.0 | 22,00. | 20,020 | 2 1,00 1 | 20,010 | 21,000 | 20,100 | 20,000 | 00,000 | 01,002 | 02,101 | 02, 100 | 02,700 | 00,110 | T |
| | (without energy | | | | | | | | | | | | | | | | | | | | | |
| Commercial Waste | recovery) | 1.078 | 819 | 556 | 270 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | , |
| Commercial Waste | Recycling (C+I, Agri) | ., | | 131,526 | 133.799 | 136 127 | 137.986 | 139.843 | 141.694 | 143 567 | 145,428 | 147,666 | 149.931 | 152,223 | 154,531 | 156,962 | 159,409 | 160,922 | 162,450 | 163,992 | 165,549 | 1 |
| Commercial Waste | Composting | 0 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | , H |
| Commercial Waste | Treatment plant | 5,408 | 5,980 | 6,579 | 7,164 | 7,779 | 7,835 | 7,888 | 7,942 | 7,996 | 8,049 | 8,121 | 8,195 | 8,269 | 8,343 | 8,422 | 8,502 | 8,583 | 8,664 | 8,746 | 8,829 | $^{+}$ |
| Commercial Waste | Don't know | 0, 100 | 0,000 | 0,575 | .,.o . | 1,775 | .,cco | .,550 N | .,512 | .,ooo | 0,010 | 0,121 | 0,133 | 0,203 | 0,010 | 0, 122 | 0,302 | 0,000 | 0,004 | 0,7 10 | 0,020 | $^{+}$ |
| Construction and Demolition | Don't Know | - 0 | 3 | 3 | 0 | - 0 | - 0 | 0 | - 0 | 0 | - 0 | T | 9 | | | - 0 | 0 | - 0 | | - 0 | - 0 | + |
| Waste | Landfill (CD&E) | 10,012 | 9,847 | 9,671 | 9,385 | 9,025 | 9,033 | 9,030 | 9,016 | 8,999 | 8,986 | 8,928 | 8,872 | 8,821 | 8,769 | 8,717 | 8,662 | 8,608 | 8,553 | 8,499 | 8,445 | ,[|
| Construction and Demolition | | . 5,512 | 5,517 | 5,571 | 5,000 | 0,020 | 5,000 | 5,550 | 5,510 | 5,000 | 5,550 | 3,020 | 5,572 | 0,021 | 5,700 | 5,717 | 5,002 | 5,550 | 5,000 | 5, 100 | 5, 1 10 | t |
| Waste | Recycling (Inerts C+D) | 28,216 | 29,217 | 30,277 | 31,044 | 31,589 | 32,022 | 32,429 | 32,784 | 33,134 | 33,491 | 33,686 | 33,875 | 34,086 | 34,279 | 34,477 | 34,649 | 34,430 | 34,213 | 33,997 | 33,782 | 2 |
| Construction and Demolition | | | | | | | | | | | | | | | | | | | | | | |
| Waste | Other Treatment | 47,275 | 48,152 | 49,102 | 49,554 | 49,640 | 49,275 | 48,846 | 48,364 | 47,856 | 47,383 | 46,668 | 45,976 | 45,306 | 44,645 | 43,979 | 43,311 | 43,038 | 42,766 | 42,496 | 42,227 | _ |
| Excavation Waste | Landfill (CD&E) | 118,224 | 111,833 | 105,267 | 97,359 | 88,614 | 88,460 | 88,207 | 87,842 | 87,444 | 87,092 | 86,281 | 85,517 | 84,803 | 84,082 | 83,363 | 82,618 | 82,096 | 81,577 | 81,062 | 80,550 | _ |
| Excavation Waste | Recycling (Inerts C+D) | 65,096 | 68,162 | 71,369 | 73,934 | 75,955 | 77,159 | 78,302 | 79,319 | 80,325 | 81,345 | 81,973 | 82,580 | 83,244 | 83,860 | 84,488 | 85,048 | 84,511 | 83,977 | 83,446 | 82,919 | _ |
| Excavation Waste | Other Treatment | 22,282 | 28,650 | 35,322 | 41,826 | 48,105 | 47,233 | 46,282 | 45,300 | 44,303 | 43,307 | 42,126 | 40,942 | 39,816 | 38,695 | 37,561 | 36,449 | 36,219 | 35,990 | 35,763 | 35,537 | _ |
| Excavation Waste | Land recovery | 34,275 | 35,989 | 37,820 | 39,302 | 40,509 | 40,543 | 40,532 | 40,469 | 40,390 | 40,332 | 40,072 | 39,822 | 39,593 | 39,359 | 39,126 | 38,879 | 38,633 | 38,389 | 38,147 | 37,906 | 3 |
| | Incineration (Animal By- | | | | | | | | | | | l . | | | | | | | | | | 1 |
| Agricultural Waste | Product) | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | _ |
| Agricultural Waste | Recycling (C+I, Agri) | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | |
| Agricultural Waste | Treatment plant | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | + |
| LACW (Other) | Landfill (C+I and LACW) | 450 | 453 | 456 | 460 | 463 | 466 | 469 | 472 | 476 | 479 | 482 | 486 | 489 | 492 | 496 | 499 | 503 | 506 | 510 | 513 | 3 |
| (==:::/ | Thermal Treatment | .50 | .50 | .50 | .30 | .30 | .50 | .30 | ., | | .,, | | .50 | .20 | | .50 | .30 | 230 | | 2.70 | 2.70 | T |
| LACW (Other) | (energy recovery) | 1,286 | 1,295 | 1,304 | 1,313 | 1,322 | 1,331 | 1,341 | 1,350 | 1,359 | 1,369 | 1,378 | 1,388 | 1,397 | 1,407 | 1,417 | 1,427 | 1,436 | 1.446 | 1,456 | 1,466 | از |
| LACW (Other) | Recycling (LACW) | 16,027 | 16,138 | 16,250 | 16,362 | 16,475 | 16,589 | 16,704 | 16,820 | 16,936 | 17,053 | 17,171 | 17,290 | 17.410 | 17,530 | 17.651 | 17.774 | 17,897 | 18,020 | 18,145 | 18,271 | _ |
| Hazardous waste | Landfill (Hazardous) | 6,500 | 6,631 | 6,770 | 6,841 | 6,862 | 6,867 | 6,866 | 6,855 | 6,842 | 6,832 | 6,788 | 6,745 | 6,706 | 6,667 | 6,627 | 6,586 | 6,544 | 6,503 | 6,462 | 6,421 | _ |
| | Thermal Treatment | -,000 | 2,001 | -, | 2,011 | -,002 | -,001 | -,000 | -,000 | -,0.2 | -,002 | 2,.30 | _,, .0 | -,. 55 | -,001 | -,0-1 | -,000 | -,0.1 | 2,000 | -, .02 | -, · - · | T |
| Hazardous waste | (energy recovery) | 363 | 370 | 378 | 382 | 383 | 384 | 384 | 383 | 382 | 382 | 379 | 377 | 375 | 372 | 370 | 368 | 366 | 363 | 361 | 359 | ار |
| | Thermal Treatment | 550 | 0.0 | 5.0 | 332 | 550 | 551 | 551 | | 552 | | 570 | J. 7 | 3.0 | 57 L | 5.0 | 550 | | 230 | 331 | 550 | t |
| | (without energy | | | | | | | | | | | | | | | | | | | | | |
| Hazardous waste | recovery) | 3,417 | 3,485 | 3,559 | 3,596 | 3,607 | 3,610 | 3,609 | 3,603 | 3,596 | 3,591 | 3,568 | 3,545 | 3,525 | 3,504 | 3,484 | 3,462 | 3,440 | 3,418 | 3,396 | 3,375 | ا |
| Hazardous waste | Recycling (Hazardous) | 19,661 | 20.055 | 20.477 | 20.692 | 20.754 | 20.771 | 20.765 | 20.733 | 20,693 | 20.663 | 20.530 | 20,402 | 20.284 | 20.165 | 20.045 | 19.919 | 19,793 | 19.668 | 19.544 | 19.420 | _ |
| Hazardous waste | Treatment plant | 6,165 | 6,289 | 6,421 | 6,488 | 6.508 | 6,513 | 6.511 | 6.501 | 6,489 | 6.479 | 6.438 | 6,397 | 6,361 | 6,323 | 6.286 | 6,246 | 6,206 | 6,167 | 6,128 | 6.089 | _ |
| TIME AT THE TOTAL WAS TO | modificiti plant | 0,100 | 0,203 | 0,721 | 0,700 | 0,000 | 0,010 | 0,011 | 0,001 | 0,703 | 0,713 | 0,400 | 0,031 | 0,001 | 0,020 | 0,200 | 0,240 | 0,200 | 0,107 | 0,120 | 0,000 | † |
| LACW (H) | Landfill (C+I and LACW) | 13,037 | 12,175 | 11,290 | 10,346 | 9,359 | 9,549 | 9,744 | 9,942 | 10,144 | 10,351 | 10,561 | 10,776 | 10,996 | 11,220 | 11,448 | 11,681 | 11,919 | 12,161 | 12,409 | 12,661 | |
| LACT (II) | Thermal Treatment | 13,037 | 12,113 | 11,230 | 10,040 | 3,333 | 3,548 | 3,144 | 3,342 | 10, 144 | 10,551 | 10,501 | 10,770 | 10,550 | 11,220 | 11,440 | 11,001 | 11,319 | 12,101 | 12,409 | 12,001 | + |
| LACW (H) | (energy recovery) | 103,470 | 103,409 | 103,303 | 103,149 | 102,946 | 105,042 | 107,180 | 109,361 | 111,587 | 113,858 | 116,176 | 118,540 | 120,953 | 123,415 | 125,927 | 128,490 | 131,105 | 133,774 | 136,497 | 139,275 | 1 |
| LACW (H) LACW (H) | Recycling (LACW) | 41,927 | 46,181 | 50,591 | 55,161 | 59,896 | 61,115 | 62,359 | 63,628 | 64,923 | 66,245 | 67,593 | 68,969 | 70,373 | 71,805 | 73,267 | 74,758 | 76,280 | 77,832 | 79,416 | 81,033 | _ |
| LACW (H) LACW (H) | Composting (LACW) | 14.246 | 14.430 | 14.616 | 14,785 | 14,974 | 15,279 | 15,590 | 15,907 | 16.231 | 16,561 | 16,898 | 17.242 | 17,593 | 17,951 | 18,317 | 18,689 | 19.070 | | 19,416 | 20,258 | |
| - \ / | Landfill (Hazardous) | 14,246 571 | 14,430 582 | 14,616 594 | 14,785 606 | 14,974 | 15,279 | 15,590 644 | 15,907 657 | 16,231 671 | 16,561 684 | 16,898 | 712 | 17,593 727 | 17,951 742 | 18,31 <i>7</i> 757 | 18,689 772 | 19,070 788 | 19,458 804 | 19,854 820 | 20,258 | |
| LACW Secondary | | 26.796 | 27.341 | 594 27.897 | 28.465 | | 29.636 | 30.239 | 30.855 | 31.483 | 32.123 | 32,777 | | 34.125 | 34.820 | 757 35.528 | 36,252 | 788 36.989 | 37.742 | 38.510 | 39.294 | _ |
| LACW Secondary | Recycling (LACW) | -, | , - | , | -, | 29,045 | -, | , | , | - , | - , - | - / | , | - , - | - , | , | | , | - , | , | , - | _ |
| LACW Secondary | Recycling (Metals) | 2.385 | 2.433 | 2,483 | 2,533 | 2.585 | 2,637 | 2,691 | 2,746 | 2,802 | 2,859 | 2,917 | 2,976 | 3,037 | 3,099 | 3,162 | 3,226 | 3,292 | 3,359 | 3,427 | 3,497 | 1 |

Growth Option 3

| Growth 3 Baseline Recycling | 1 | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|---------|---------|---------|
| Waste Type | Facility Type | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 |
| Industrial Waste | Landfill (C+I and LACW) | 50.175 | _ | 52,192 | 52,707 | 52.832 | 52.843 | 52.796 | 52,680 | 52.545 | 52.439 | 52.069 | 51.713 | 51,419 | 51.120 | 50.821 | 50.504 | 50,189 | 49,876 | 49.565 | 49.255 | 48.948 |
| Industrial Waste | Recycling (C+I, Agri) | 80,280 | - , - | 83,507 | 84,331 | 84,532 | 84,550 | 84,473 | 84,289 | 84,073 | 83,902 | 83,310 | - / - | 82,271 | 81,792 | 81,313 | , | 80,302 | 79,801 | 79,303 | 78,809 | 78,317 |
| Industrial Waste | Composting | 2.007 | 2,046 | 2,088 | 2,108 | 2,113 | 2.114 | 2.112 | 2.107 | 2,102 | 2,098 | 2,083 | 2.069 | 2,057 | 2.045 | 2,033 | | 2,008 | 1,995 | 1,983 | 1,970 | 1,958 |
| | Recycling (Metals) | 60,210 | | 62,630 | 63,248 | 63,399 | 63,412 | 63,355 | 63,216 | 63,054 | 62,926 | 62,483 | 62,055 | 61,703 | 61,344 | 60,985 | | 60,226 | 59,851 | 59,477 | 59,106 | 58,738 |
| Industrial Waste | Treatment plant | 2,007 | 2,046 | 2,088 | 2,108 | 2,113 | 2,114 | 2,112 | 2,107 | 2,102 | 2,098 | 2,083 | 2,069 | 2,057 | 2,045 | 2,033 | 2,020 | 2,008 | 1,995 | 1,983 | 1,970 | 1,958 |
| Industrial Waste | Land recovery | 6,021 | 6,138 | 6,263 | 6,325 | 6,340 | 6.341 | 6,335 | 6,322 | 6,305 | 6,293 | 6,248 | | 6,170 | 6,134 | 6,098 | | 6,023 | 5,985 | 5,948 | 5,911 | 5,874 |
| | , | 0,021 | 0,130 | 0,203 | 0,325 | 6,340 | 0,341 | 0,333 | 0,322 | 6,305 | 0,293 | 0,248 | 0,200 | 6,170 | 0,134 | 6,098 | 6,060 | 0,023 | 5,965 | 5,948 | 5,911 | 5,874 |
| Industrial Waste | Don't know | 50.000 | 50.040 | 50,000 | 50,000 | FO 774 | 00.400 | 0 500 | 00.045 | 04 007 | 04.050 | 00.470 | 00.704 | 00.007 | 00.040 | 64.450 | 05.007 | 05.000 | 00.040 | 00.054 | 07.505 | 00.040 |
| Commercial Waste | Landfill (C+I and LACW) | 58,260 | 58,643 | 59,029 | 59,388 | 59,771 | 60,163 | 60,539 | 60,915 | 61,287 | 61,658 | 62,173 | 62,701 | 63,267 | 63,840 | 64,450 | 65,067 | 65,690 | 66,319 | 66,954 | 67,595 | 68,242 |
| 0 | Thermal Treatment (energy | 4 070 | 4 000 | 4 004 | 4.040 | 4 000 | 4 044 | 4.050 | 4 005 | 4 077 | 4 000 | 0.000 | 0.000 | 0.044 | 0.050 | 0.070 | 0.000 | 0.440 | 0.400 | 0.400 | 0.400 | 0.004 |
| Commercial Waste | recovery) | 1,879 | 1,892 | 1,904 | 1,916 | 1,928 | 1,941 | 1,953 | 1,965 | 1,977 | 1,989 | 2,006 | 2,023 | 2,041 | 2,059 | 2,079 | 2,099 | 2,119 | 2,139 | 2,160 | 2,180 | 2,201 |
| | Thermal Treatment (without | | | | | | | | | | | | | | | | | | | | | |
| | energy recovery) | 1,879 | | 1,904 | 1,916 | 1,928 | 1,941 | 1,953 | 1,965 | 1,977 | 1,989 | 2,006 | | 2,041 | 2,059 | 2,079 | | 2,119 | 2,139 | 2,160 | 2,180 | 2,201 |
| | Recycling (C+I, Agri) | 122,157 | 122,961 | 123,770 | 124,524 | 125,327 | 126,148 | 126,936 | 127,725 | 128,506 | 129,283 | 130,362 | 131,470 | 132,657 | 133,859 | 135,136 | 136,430 | 137,736 | 139,055 | 140,387 | 141,731 | 143,088 |
| Commercial Waste | Composting | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Commercial Waste | Treatment plant | 3,759 | 3,783 | 3,808 | 3,832 | 3,856 | 3,881 | 3,906 | 3,930 | 3,954 | 3,978 | 4,011 | 4,045 | 4,082 | 4,119 | 4,158 | | 4,238 | 4,279 | 4,320 | 4,361 | 4,403 |
| Commercial Waste | Don't know | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction and Demolition | | | | | | | | | | | | | | | | | | | | | | |
| Waste | Landfill (CD&E) | 11,048 | 11,262 | 11,492 | 11,606 | 11,633 | 11,636 | 11,625 | 11,600 | 11,570 | 11,546 | 11,465 | 11,387 | 11,322 | 11,256 | 11,190 | 11,120 | 11,051 | 10,982 | 10,914 | 10,846 | 10,778 |
| Construction and Demolition | | | | | | | | | | | | | | | | | | | | | | |
| Waste | Recycling (Inerts C+D) | 26,770 | 27,290 | 27,846 | 28,121 | 28,188 | 28,194 | 28,168 | 28,107 | 28,035 | 27,978 | 27,781 | 27,591 | 27,434 | 27,274 | 27,115 | 26,946 | 26,778 | 26,611 | 26,445 | 26,280 | 26,116 |
| Construction and Demolition | | | | | | | | | | | | | | | | | | | | | | |
| Waste | Other Treatment | 47,166 | 48,082 | 49,063 | 49,547 | 49,664 | 49,675 | 49,630 | 49,522 | 49,395 | 49,294 | 48,947 | 48,612 | 48,336 | 48,055 | 47,774 | 47,476 | 47,180 | 46,885 | 46,593 | 46,302 | 46,013 |
| Excavation Waste | Landfill (CD&E) | 140,655 | 143,384 | 146,310 | 147,753 | 148,104 | 148,136 | 148,002 | 147,679 | 147,300 | 147,001 | 145,965 | 144,967 | 144,144 | 143,305 | 142,466 | 141,577 | 140,694 | 139,816 | 138,944 | 138,077 | 137,216 |
| Excavation Waste | Recycling (Inerts C+D) | 57,216 | 58,326 | 59,516 | 60,103 | 60,246 | 60,259 | 60,204 | 60,073 | 59,919 | 59,797 | 59,375 | 58,969 | 58,635 | 58,293 | 57,952 | 57,591 | 57,231 | 56,874 | 56,520 | 56,167 | 55,817 |
| Excavation Waste | Other Treatment | 2,384 | 2,430 | 2,480 | 2,504 | 2,510 | 2,511 | 2,509 | 2,503 | 2,497 | 2,492 | 2,474 | 2,457 | 2,443 | 2,429 | 2,415 | 2,400 | 2,385 | 2,370 | 2,355 | 2,340 | 2,326 |
| Excavation Waste | Land recovery | 38,144 | 38,884 | 39,677 | 40,069 | 40,164 | 40,172 | 40,136 | 40,048 | 39,946 | 39,865 | 39,584 | 39,313 | 39,090 | 38,862 | 38,635 | 38,394 | 38,154 | 37,916 | 37,680 | 37,445 | 37,211 |
| | Incineration (Animal By- | | | | | | | | | | | | | | | | | | | | | |
| Agricultural Waste | Product) | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 |
| Agricultural Waste | Recycling (C+I, Agri) | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 |
| Agricultural Waste | Treatment plant | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 |
| LACW (Other) | Landfill (C+I and LACW) | 452 | 455 | 459 | 462 | 466 | 470 | 473 | 477 | 481 | 485 | 489 | 492 | 496 | 500 | 504 | 508 | 512 | 516 | 520 | 524 | 529 |
| , , | Thermal Treatment (energy | | | | | | | | | | | | | | | | | | | | | |
| LACW (Other) | recovery) | 1,290 | 1,300 | 1,311 | 1,321 | 1,331 | 1,342 | 1,353 | 1,363 | 1,374 | 1,385 | 1,396 | 1,407 | 1,418 | 1,429 | 1,440 | 1,452 | 1,463 | 1,475 | 1,487 | 1,498 | 1,510 |
| LACW (Other) | Recycling (LACW) | 16,074 | 16,201 | 16,329 | 16,459 | 16,589 | 16,720 | 16,852 | 16,985 | 17,120 | 17,255 | 17,391 | 17,529 | 17,667 | 17,807 | 17,948 | | 18,233 | 18,377 | 18,522 | 18,669 | 18,816 |
| Hazardous waste | Landfill (Hazardous) | 6,461 | 6,586 | 6,721 | 6,787 | 6,803 | 6,805 | 6,799 | 6,784 | 6.766 | 6,753 | 6,705 | | 6,621 | 6,583 | 6,544 | | 6,463 | 6,423 | 6,382 | 6,343 | 6,303 |
| riazardodo vidoto | Thermal Treatment (energy | 0, .0. | 0,000 | 0,121 | 0,101 | 0,000 | 0,000 | 0,.00 | 0,707 | 0,100 | 0,.00 | 0,.00 | 0,000 | 0,02. | 0,000 | 0,0 | 0,000 | 0,100 | 0, 120 | 0,002 | 0,0.0 | 0,000 |
| Hazardous waste | recovery) | 361 | 368 | 375 | 379 | 380 | 380 | 380 | 379 | 378 | 377 | 375 | 372 | 370 | 368 | 366 | 363 | 361 | 359 | 357 | 354 | 352 |
| Tidzurdodo Waoto | Thermal Treatment (without | 001 | 000 | 010 | 0.0 | 000 | 000 | 000 | 0,0 | 0.0 | 011 | 0.0 | 012 | 0.0 | 000 | 000 | 000 | 001 | 000 | 001 | 001 | - 002 |
| Hazardous waste | energy recovery) | 3,396 | 3,462 | 3,533 | 3,567 | 3,576 | 3,577 | 3,573 | 3,566 | 3,557 | 3,549 | 3,524 | 3,500 | 3,480 | 3,460 | 3,440 | 3,418 | 3,397 | 3,376 | 3,355 | 3,334 | 3,313 |
| Hazardous waste | Recycling (Hazardous) | 19.542 | | 20,328 | 20,528 | 20,577 | 20.581 | 20,563 | 20,518 | 20,465 | 20,424 | | | 20,027 | 19,910 | 19,794 | | | 19,426 | 19,304 | 19,184 | 19,064 |
| Hazardous waste | Treatment plant | 6,128 | 6,247 | 6,374 | 6,437 | 6,452 | 6,454 | 6,448 | 6,434 | 6,417 | 6,404 | 6,359 | 6,316 | 6,280 | 6,243 | 6,207 | | 6,129 | 6,091 | 6,053 | 6,015 | 5,978 |
| LACW (H) | Landfill (C+I and LACW) | 16,391 | 16,741 | 17,098 | 17,463 | 17,836 | 18,217 | 18,605 | 19,002 | 19,408 | 19,822 | 20,245 | | 21,119 | 21,569 | 22,030 | | 22,980 | 23,470 | 23,971 | 24,483 | 25,005 |
| LACW (II) | \ / | 10,391 | 10,741 | 17,098 | 17,403 | 11,030 | 10,217 | 10,000 | 19,002 | 19,408 | 19,022 | 20,245 | 20,011 | 21,119 | ∠1,509 | 22,030 | 22,500 | 22,900 | 23,470 | 23,91 l | 24,403 | 25,005 |
| 1 4 6 4 (1 1) | Thermal Treatment (energy | 110 100 | 110 541 | 111 010 | 117.004 | 110 000 | 400 407 | 105 000 | 107 700 | 100 400 | 100 047 | 100 000 | 100 004 | 144 000 | 144.050 | 140.050 | 151 041 | 154 400 | 157 70 4 | 101 100 | 164 500 | 100.050 |
| LACW (H) | recovery) | 110,160 | | 114,912 | 117,364 | 119,869 | 122,427 | 125,039 | 127,708 | 130,433 | 133,217 | 136,060 | 138,964 | 141,929 | 144,958 | 148,052 | | 154,438 | 157,734 | 161,100 | 164,538 | 168,050 |
| | Recycling (LACW) | 32,011 | - , | 33,392 | 34,105 | 34,833 | 35,576 | 36,335 | 37,111 | 37,903 | 38,712 | 39,538 | 40,381 | 41,243 | 42,123 | 43,022 | | 44,878 | 45,836 | 46,814 | 47,813 | 48,834 |
| LACW (H) | Composting | 14,618 | | 15,249 | 15,574 | 15,907 | 16,246 | 16,593 | 16,947 | 17,309 | 17,678 | 18,055 | | 18,834 | 19,236 | 19,647 | | 20,494 | 20,932 | 21,378 | 21,835 | 22,301 |
| LACW Secondary | Landfill (Hazardous) | 572 | 585 | 597 | 610 | 623 | 636 | 650 | 664 | 678 | 692 | 707 | 722 | 737 | 753 | 769 | 786 | 802 | 820 | 837 | 855 | 873 |
| | Recycling (LACW) | 26,873 | 27,447 | 28,032 | 28,631 | 29,242 | 29,866 | 30,503 | 31,154 | 31,819 | 32,498 | , - | | | 35,362 | 36,117 | | 37,675 | 38,479 | 39,300 | 40,139 | 40,995 |
| LACW Secondary | Recycling (Metals) | 2,392 | 2,443 | 2,495 | 2,548 | 2,602 | 2,658 | 2,715 | 2,773 | 2,832 | 2,892 | 2,954 | 3,017 | 3,081 | 3,147 | 3,214 | 3,283 | 3,353 | 3,424 | 3,497 | 3,572 | 3,648 |

| Crouth 2/Maximiand Dogueli | ng. | | | | | | | | | | | | | | | | | | | | T | |
|-----------------------------|----------------------------|------------------|---------|----------------|---------|---------|----------------|---------|---------|---------|---------|-------------|----------------|---------|-------------|---------|---------|---------|---------|-----------|---------|-----------|
| Growth 3/Maximised Recycli | | 2016 | 2017 | 2040 | 2019 | 2020 | 2024 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 |
| Waste Type | Facility Type | 2016 42,428 | 2017 | 2018 38,768 | 36,452 | | 2021 33,059 | 32,248 | | 30,581 | 29,743 | | 2027 27,822 | 26,923 | | 25,126 | | | 23,940 | | | |
| Industrial Waste | Landfill (C+I and LACW) | 42,420 88.890 | 40,632 | 98,413 | - | 33,813 | 106.638 | 107.513 | | 108.916 | | | 110.004 | | | | | 110.415 | - | | | |
| | Recycling (C+I, Agri) | , | 93,520 | , | 102,399 | 105,664 | , | , | , | , | 109,639 | _ | , | 110,326 | _ | 110,891 | 111,100 | 110,415 | 109,726 | 109,042 | 108,362 | 2 107,000 |
| Industrial Waste | Composting | 2,007 | 2,046 | 2,088 | 2,108 | 2,113 | 1,924 | 1,732 | 1,538 | 1,345 | 1,154 | 937 | 745 | 555 | 368 | 183 | 00.005 | 00 000 | 50.054 | 50.477 | 7 50 40 | 5 50 72 |
| Industrial Waste | Recycling (Metals) | 60,210 | 61,378 | 62,630 | 63,248 | 63,399 | 63,412 | 63,355 | 63,216 | 63,054 | 62,926 | 62,483 | 62,055 | 61,703 | 61,344 | 60,985 | 60,605 | 60,226 | 59,851 | 59,477 | 59,106 | 58,73 |
| Industrial Waste | Treatment plant | 1,144 | 880 | 605 | 295 | 0 0 4 0 | 0 | 0 005 | 0 000 | 0 005 | 0 000 | 0 040 | 0 000 | 0 470 | 0 404 | 0 000 | 0.000 | 0.000 | 5 000 |) (| 1 504 | 1 5 07 |
| Industrial Waste | Land recovery | 6,021 | 6,138 | 6,263 | 6,325 | 6,340 | 6,341 | 6,335 | 6,322 | 6,305 | 6,293 | 6,248 | 6,206 | 6,170 | 6,134 | 6,098 | 6,060 | 6,023 | 5,985 | 5,948 | 5,911 | 5,874 |
| Industrial Waste | Don't know | 0 | 10.101 | 0 000 | 0 750 | 0 050 | 00.004 | 00.447 | 00.047 | 07.000 | 00.004 | 05 524 | 04.005 | 00.750 | 00.000 | 04.004 | 00.000 | 04 400 | 04 200 |) (| 04.00 |) 00.04 |
| Commercial Waste | Landfill (C+I and LACW) | 46,176 | 42,431 | 38,635 | 34,752 | 30,850 | 29,984 | 29,117 | 28,217 | 27,322 | 26,394 | 25,531 | 24,635 | 23,756 | 22,838 | 21,934 | 20,989 | 21,190 | 21,393 | 21,598 | 21,805 | 5 22,014 |
| | Thermal Treatment (energy | 5.004 | 7.000 | . 7 | | | | | | | | | | | 40.050 | 40.474 | | | | | | |
| Commercial Waste | recovery) | 5,901 | 7,302 | 8,702 | 10,134 | 11,569 | 11,644 | 11,717 | 11,790 | 11,862 | 11,934 | 12,033 | 12,136 | 12,245 | 12,356 | 12,474 | 12,594 | 12,714 | 12,836 | 12,959 | 13,083 | 3 13,208 |
| _ | Thermal Treatment (without | | | | | | _ | _ | _ | | _ | _ | | _ | _ | _ | | | | | | |
| Commercial Waste | energy recovery) | 1,071 | 813 | 552 | 268 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (| (|) (|) (|) |
| Commercial Waste | Recycling (C+I, Agri) | 130,220 | 133,763 | 137,365 | 140,942 | 144,608 | 146,428 | 148,242 | 150,048 | 151,874 | 153,688 | 155,893 | 158,128 | 160,494 | 162,876 | 165,386 | 167,914 | 169,522 | 171,145 | 172,784 | 174,438 | 3 176,10 |
| Commercial Waste | Composting | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (|) (| 1 (|) (|
| Commercial Waste | Treatment plant | 4,567 | 4,862 | 5,160 | 5,479 | 5,784 | 5,997 | 6,210 | 6,426 | 6,643 | 6,862 | 7,120 | 7,362 | 7,612 | 7,867 | 8,129 | 8,396 | 8,476 | 8,557 | 8,639 | 8,722 | 2 8,80 |
| Commercial Waste | Don't know | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (|) (|) (|) (|
| Construction and Demolition | | | | | | | | | | | | | | | | | | | | | | |
| Waste | Landfill (CD&E) | 9,952 | 9,781 | 9,600 | 9,311 | 8,949 | 8,950 | 8,942 | 8,923 | 8,900 | 8,882 | 8,819 | 8,759 | 8,709 | 8,659 | 8,608 | 8,554 | 8,501 | 8,448 | 8,395 | 8,343 | 3 8,29° |
| Construction and Demolition | | | | | | | | | | | | | | | | | | | | | | |
| Waste | Recycling (Inerts C+D) | 29,864 | 31,500 | 33,212 | 34,629 | 35,794 | 36,205 | 36,583 | 36,905 | 37,220 | 37,544 | 37,685 | 37,821 | 38,007 | 38,176 | 38,348 | 38,494 | 38,254 | 38,015 | 37,778 | 37,542 | 2 37,308 |
| Construction and Demolition | | | | | | | | | | | | | | | | | | | | | | |
| Waste | Other Treatment | 45,161 | 45,361 | 45,588 | 45,342 | 44,743 | 44,350 | 43,898 | 43,401 | 42,880 | 42,393 | 41,689 | 41,009 | 40,376 | 39,751 | 39,123 | 38,494 | 38,254 | 38,015 | 37,778 | 37,542 | 2 37,308 |
| Excavation Waste | Landfill (CD&E) | 125,660 | 122,217 | 118,684 | 113,770 | 107,941 | 106,834 | 105,583 | 104,226 | 102,811 | 101,481 | 99,627 | 97,840 | 96,161 | 94,508 | 92,844 | 91,185 | 90,616 | 90,051 | 1 89,489 | 88,931 | 1 88,37 |
| Excavation Waste | Recycling (Inerts C+D) | 74,929 | 81,583 | 88,555 | 94,812 | 100,410 | 101,561 | 102,623 | 103,525 | 104,408 | 105,317 | 105,713 | 106,096 | 106,618 | 107,090 | 107,574 | 107,983 | 107,309 | 106,640 | 105,974 | 105,313 | 3 104,656 |
| Excavation Waste | Other Treatment | 3,743 | 3,475 | 3,199 | 2,855 | 2,510 | 2,511 | 2,509 | 2,503 | 2,497 | 2,492 | 2,474 | 2,457 | 2,443 | 2,429 | 2,415 | 2,400 | 2,385 | 2,370 | 2,355 | 2,340 | 2,320 |
| Excavation Waste | Land recovery | 34,067 | 35,749 | 37,545 | 38,992 | 40,164 | 40,172 | 40,136 | 40,048 | 39,946 | 39,865 | 39,584 | 39,313 | 39,090 | 38,862 | 38,635 | 38,394 | 38,154 | 37,916 | 37,680 | 37,445 | 5 37,21° |
| | Incineration (Animal By- | | | | | | | | | | | | | | | | | | | | | |
| Agricultural Waste | Product) | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | |
| Agricultural Waste | Recycling (C+I, Agri) | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 3 1,253 |
| Agricultural Waste | Treatment plant | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | |
| LACW (Other) | Landfill (C+I and LACW) | 452 | 455 | 459 | 462 | 466 | 470 | 473 | 477 | 481 | 485 | 489 | 492 | 496 | 500 | 504 | 508 | 512 | 516 | 520 | 524 | 4 529 |
| ` , | Thermal Treatment (energy | | | | | | | | | | | | | | | | | | | | 1 | |
| LACW (Other) | recovery) | 1,290 | 1,300 | 1,311 | 1,321 | 1,331 | 1,342 | 1,353 | 1,363 | 1,374 | 1,385 | 1,396 | 1,407 | 1,418 | 1,429 | 1,440 | 1,452 | 1,463 | 1,475 | 1,487 | 1,498 | 1,510 |
| LACW (Other) | Recycling (LACW) | 16,074 | 16,201 | 16,329 | 16,459 | 16,589 | 16,720 | 16,852 | 16,985 | 17,120 | 17,255 | | 17,529 | 17,667 | 17,807 | 17,948 | 18,090 | 18,233 | 18,377 | 7 18,522 | 18,669 | |
| Hazardous waste | Landfill (Hazardous) | 6,461 | 6,586 | 6,721 | 6,787 | 6,803 | 6,805 | 6,799 | 6,784 | 6,766 | 6,753 | 6,705 | 6,659 | 6,621 | 6,583 | 6,544 | 6,503 | 6,463 | 6,423 | 6,382 | 6,343 | 6,30 |
| | Thermal Treatment (energy | , | , | | , | , | , | -,- | -, | , | , | , , , , , , | , | | , , , , , , | -, | | | | | | |
| Hazardous waste | recovery) | 361 | 368 | 375 | 379 | 380 | 380 | 380 | 379 | 378 | 377 | 375 | 372 | 370 | 368 | 366 | 363 | 361 | 359 | 357 | 7 354 | 4 352 |
| | Thermal Treatment (without | | | | | | | | | | | | | | | | | | | | | 1 |
| Hazardous waste | energy recovery) | 3.396 | 3,462 | 3,533 | 3,567 | 3,576 | 3,577 | 3,573 | 3.566 | 3,557 | 3,549 | 3,524 | 3,500 | 3,480 | 3,460 | 3,440 | 3,418 | 3,397 | 3,376 | 3,355 | 3,334 | 4 3,313 |
| Hazardous waste | Recycling (Hazardous) | 19,542 | 19,921 | 20.328 | 20.528 | 20.577 | 20.581 | 20.563 | 20.518 | 20.465 | 20.424 | | 20.141 | 20.027 | | 19.794 | | _ | | | | |
| Hazardous waste | Treatment plant | 6.128 | 6.247 | 6.374 | 6.437 | 6,452 | 6.454 | 6.448 | 6.434 | 6.417 | 6.404 | , | 6.316 | 6.280 | | 6.207 | 6.168 | | | , | , | , |
| LACW (H) | Landfill (C+I and LACW) | 13.075 | 12,222 | 11.345 | 10.406 | 9,422 | 9.623 | 9,829 | 10.038 | 10.253 | 10.471 | -, | 10.923 | 11,156 | -, | 11.638 | -, | -, | -, | -, | -, | - 1 |
| 21011 (11) | Thermal Treatment (energy | 10,010 | 12,222 | 11,040 | 10,400 | 5,422 | 3,023 | 3,023 | 10,000 | 10,200 | 10,471 | 10,000 | 10,020 | 11,100 | 11,554 | 11,000 | 11,000 | 12,140 | 12,000 | 12,000 | 12,000 | 10,20 |
| LACW (H) | recovery) | 96.340 | 93,709 | 90.904 | 87.936 | 84,800 | 86,610 | 88,458 | 90,346 | 92,274 | 94,243 | 96,254 | 98.308 | 100,406 | 102.549 | 104,738 | 106,973 | 109,256 | 111.587 | 7 113 960 | 116,401 | 1 118.88 |
| LACW (H) | Recycling (LACW) | 49,460 | 56,459 | 63,734 | 71,293 | 79.147 | 80,836 | 82,561 | 84,323 | 86.122 | 87,960 | 89,837 | 91.754 | 93,713 | | 97,755 | | | | | | |
| LACW (H) | Composting | 14.287 | 14,486 | 14.687 | 14.871 | 15,076 | 15.397 | 15,726 | - | 16,404 | 16.754 | | 17.477 | 17.850 | - | 18,620 | 19.017 | | | | - | |
| LACW (n) LACW Secondary | | 572 | 14,400 | 14,667 | 610 | 623 | 636 | 15,726 | 664 | 678 | 692 | 707 | 722 | 737 | 753 | 769 | 786 | | _ | _ | | _ |
| | Landfill (Hazardous) | | | 28.032 | 28.631 | 29.242 | 29.866 | 30.503 | 31.154 | 31.819 | 32.498 | | 33.900 | 34.623 | | | | | | | | |
| LACW Secondary | Recycling (LACW) | 26,873 | 27,447 | | | | | | | 1 | | | | | | | | | | | | |
| LACW Secondary | Recycling (Metals) | 2,392 | 2,443 | 2,495 | 2,548 | 2,602 | 2,658 | 2,715 | 2,773 | 2,832 | 2,892 | 2,954 | 3,017 | 3,081 | 3,147 | 3,214 | 3,283 | 3,353 | 3,424 | 3,497 | 3,572 | 3,64 |

| Growth 3/Median recycling | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-----------------------------------------|-------------|---------|-----------------------------------------|---------|---------|---------|---------|---------|---------|---------|-------------|---------|-----------------------------------------|---------|---------|---------|---------|---------|----------|-------------|----------|
| Waste Type | Facility Type | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 |
| Industrial Waste | Landfill (C+I and LACW) | 46,743 | 46,463 | 46,221 | 45,476 | 44,379 | 43,818 | 43,187 | 42,524 | 41.847 | 41,196 | 40,322 | 39.488 | 38,709 | 37,931 | 37.140 | 36,363 | 36,136 | 35,910 | 35,686 | | _ |
| Industrial Waste | Recycling (C+I, Agri) | 84.575 | 87,689 | 90.960 | 93.376 | 95,098 | 96.069 | 96,954 | 97,690 | 98,407 | 99.151 | 99,410 | 99,661 | 100.042 | , | 100,727 | 101.008 | | 99.751 | | | |
| Industrial Waste | Composting | 2.007 | 2.046 | 2.088 | 2,108 | 2.113 | 1.924 | 1,732 | 1.538 | 1.345 | 1.154 | 937 | 745 | 555 | 368 | 183 | 0 | 0 | (|) (| |) |
| Industrial Waste | Recycling (Metals) | 60,210 | 61,378 | 62,630 | 63,248 | 63,399 | 63,412 | 63,355 | 63,216 | 63,054 | 62,926 | | 62,055 | 61,703 | | 60,985 | 60,605 | 60,226 | 59,851 | 59,477 | 59,106 | 58,73 |
| Industrial Waste | Treatment plant | 1.144 | 880 | 605 | 295 | 0 | 0 | 0 | 0 | 0 | 0 | 0_, | 0 | 0 | 0.,0.1 | 0 | 0 | 0 | (|) (|) (|) |
| Industrial Waste | Land recovery | 6,021 | 6,138 | 6,263 | 6,325 | 6,340 | 6,151 | 5,955 | 5,753 | 5,549 | 5,349 | 5,103 | 4,882 | 4,669 | 4,458 | 4,249 | 4,040 | 4,015 | 3,990 | 3,965 | 3,940 | 3,91 |
| Industrial Waste | Don't know | . 0 | 0 | 0 | , 0 | 0 | , 0 | 0 | . 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | . 0 | , 0 | (|) (|) (|) (|
| Commercial Waste | Landfill (C+I and LACW) | 46.176 | 42.431 | 38.635 | 34.752 | 30.850 | 29.286 | 27.692 | 26.076 | 24.436 | 22.774 | 21.159 | 19.498 | 17.817 | 16.104 | 14.366 | 12.594 | 12.714 | 12.836 | 12.959 | 13.083 | 3 13.20 |
| | Thermal Treatment (energy | | - | , | , | , | , | , | , | , | , | , | , | , | | 1 | , | , | | , | 1 | <u> </u> |
| Commercial Waste | recovery) | 9,134 | 11,615 | 14,148 | 16,686 | 19,281 | 20,281 | 21,306 | 22,322 | 23,368 | 24,405 | 25,531 | 26,658 | 27,837 | 29,017 | 30,250 | 31,484 | 31,785 | 32,090 | 32,397 | 32,707 | 33,02 |
| | Thermal Treatment (without | | | , | , | , | , | , | , | , | , | , | , | , | | | , | , | | | 1 | |
| Commercial Waste | energy recovery) | 1,071 | 813 | 552 | 268 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |) (|) (| |
| Commercial Waste | Recycling (C+I, Agri) | 126,179 | 128,372 | 130,567 | 132,743 | 134,967 | 136,725 | 138,478 | 140,223 | 141,989 | 143,743 | 145,865 | 148,015 | 150,290 | 152,579 | 154,991 | 157,419 | 158,927 | 160,448 | 161,985 | 163,536 | 165,10 |
| Commercial Waste | Composting | . 0 | 0 | 0 | , 0 | 0 | , 0 | 0 | . 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | . 0 | 0 | (|) (|) (|) (|
| Commercial Waste | Treatment plant | 5,375 | 5,940 | 6,531 | 7,107 | 7,712 | 7,763 | 7,811 | 7,860 | 7,908 | 7,956 | 8,022 | 8,090 | 8,163 | 8,237 | 8,316 | 8,396 | 8,476 | 8,557 | 8,639 | 8,722 | 2 8,80 |
| Commercial Waste | Don't know | 0 | 0 | 0 | 0 | 0 | 0 | 0 | . 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |) (|) (|) (|
| Construction and Demolition | | | | | | | - | | | | | | | | | | - | | | | | |
| Waste | Landfill (CD&E) | 9,952 | 9,781 | 9,600 | 9,311 | 8,949 | 8,950 | 8,942 | 8,923 | 8,900 | 8,882 | 8,819 | 8,759 | 8,709 | 8,659 | 8,608 | 8,554 | 8,501 | 8,448 | 8,395 | 8,343 | 8,29 |
| Construction and Demolition | () | , , , , , , | | ., | -,- | -,- | -, | -,- | -, | -, | -, | -,- | -, | , | -, | -, | -, | -, | | | | |
| Waste | Recycling (Inerts C+D) | 28.045 | 29,022 | 30,056 | 30,799 | 31,320 | 31,729 | 32,112 | 32,443 | 32,770 | 33,103 | 33,275 | 33,442 | 33,653 | 33,846 | 34,044 | 34,217 | 34,003 | 33,791 | 33,580 | 33,371 | 33,16 |
| Construction and Demolition | J (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | , | | , , , , , , , , , , , , , , , , , , , , | , | - / | - / - | , | | | , | , | / | , , , , , , , , , , , , , , , , , , , , | , | , , | , | , | | | | 1 |
| Waste | Other Treatment | 46.988 | 47,830 | 48,744 | 49,163 | 49,217 | 48,825 | 48,369 | 47,862 | 47,330 | 46,834 | 46,098 | 45,389 | 44,731 | 44,081 | 43,427 | 42,771 | 42,504 | 42,239 | 41,975 | 41,714 | 41,45 |
| Excavation Waste | Landfill (CD&E) | 117,506 | 111,086 | 104,500 | 96,591 | 87,859 | 87,651 | 87,346 | 86,930 | 86,483 | 86,083 | | 84,425 | 83,726 | | 82,316 | 81,587 | | 80,572 | | | |
| Excavation Waste | Recycling (Inerts C+D) | 64,701 | 67,707 | 70,849 | 73,351 | 75,307 | 76,453 | 77,538 | 78,495 | 79,442 | 80,402 | | 81,525 | 82,187 | 82,801 | 83,427 | 83,986 | 83,463 | 82,942 | | | |
| Excavation Waste | Other Treatment | 22,147 | 28,458 | 35,065 | 41,496 | 47,695 | 46,801 | 45,830 | 44,829 | 43,816 | 42.805 | 41,612 | 40,419 | 39,310 | 38,206 | 37.089 | 35,994 | 35,770 | 35,547 | | 35,104 | 1 34,88 |
| Excavation Waste | Land recovery | 34.067 | 35,749 | 37.545 | 38,992 | 40,164 | 40,172 | 40.136 | 40.048 | 39.946 | 39,865 | 39,584 | 39,313 | 39,090 | 38,862 | 38,635 | 38,394 | 38,154 | 37,916 | 37,680 | 37,445 | 37.21 |
| | Incineration (Animal By- | , | | ,- | , | -, - | -, | , | -, | / | , | , , , , , , | ,- | , , , , , , , , , , , , , , , , , , , , | , | , | , | , | | | | |
| Agricultural Waste | Product) | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,72 |
| Agricultural Waste | Recycling (C+I, Agri) | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 3 1,25 |
| Agricultural Waste | Treatment plant | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,03 |
| LACW (Other) | Landfill (C+I and LACW) | 452 | 455 | 459 | 462 | 466 | 470 | 473 | 477 | 481 | 485 | 489 | 492 | 496 | 500 | 504 | 508 | 512 | 516 | 520 | 524 | |
| | Thermal Treatment (energy | | | | | | | | | | | | | | | | | | | | 1 | |
| LACW (Other) | recovery) | 1,290 | 1,300 | 1,311 | 1,321 | 1,331 | 1,342 | 1,353 | 1,363 | 1,374 | 1,385 | 1,396 | 1,407 | 1,418 | 1,429 | 1,440 | 1,452 | 1,463 | 1,475 | 1,487 | 1,498 | 1,51 |
| LACW (Other) | Recycling (LACW) | 16,074 | 16,201 | 16,329 | 16,459 | 16,589 | 16,720 | 16,852 | 16,985 | 17,120 | 17,255 | | 17,529 | 17,667 | 17,807 | 17,948 | 18,090 | 18,233 | 18,377 | | | 18,81 |
| Hazardous waste | Landfill (Hazardous) | 6,461 | 6,586 | 6,721 | 6,787 | 6,803 | 6,805 | 6,799 | 6,784 | 6,766 | 6,753 | 6,705 | 6,659 | 6,621 | 6,583 | 6,544 | 6,503 | 6,463 | 6,423 | 6,382 | 6,343 | 6,30 |
| | Thermal Treatment (energy | | | | | | · | | | | | | | | | | | | | | | |
| Hazardous waste | recovery) | 361 | 368 | 375 | 379 | 380 | 380 | 380 | 379 | 378 | 377 | 375 | 372 | 370 | 368 | 366 | 363 | 361 | 359 | 357 | 354 | 35 |
| | Thermal Treatment (without | | | | | | | | | | | | | | | | | | | | 1 | |
| Hazardous waste | energy recovery) | 3,396 | 3,462 | 3,533 | 3,567 | 3,576 | 3,577 | 3,573 | 3,566 | 3,557 | 3,549 | 3,524 | 3,500 | 3,480 | 3,460 | 3,440 | 3,418 | 3,397 | 3,376 | 3,355 | 3,334 | 3,31 |
| Hazardous waste | Recycling (Hazardous) | 19,542 | 19,921 | 20,328 | 20,528 | 20,577 | 20,581 | 20,563 | 20,518 | 20,465 | 20,424 | | 20,141 | 20,027 | 19,910 | 19,794 | 19,670 | 19,547 | 19,426 | 19,304 | 19,184 | 1 19,06 |
| Hazardous waste | Treatment plant | 6,128 | 6,247 | 6,374 | 6,437 | 6,452 | 6,454 | 6,448 | 6,434 | 6,417 | 6,404 | 6,359 | 6,316 | 6,280 | 6,243 | 6,207 | 6,168 | 6,129 | 6,091 | 6,053 | 6,015 | 5,97 |
| LACW (H) | Landfill (C+I and LACW) | 13,075 | 12,222 | 11,345 | 10,406 | 9,422 | 9,623 | 9,829 | 10,038 | 10,253 | 10,471 | 10,695 | 10,923 | 11,156 | 11,394 | 11,638 | 11,886 | 12,140 | 12,399 | 12,663 | 12,933 | 3 13,20 |
| , | Thermal Treatment (energy | | | | | | · | | | | | | | | | | | | | | 1 | |
| LACW (H) | recovery) | 103,770 | 103,809 | 103,802 | 103,748 | 103,644 | 105,856 | 108,115 | 110,423 | 112,779 | 115,186 | 117,644 | 120,155 | 122,719 | 125,338 | 128,013 | 130,745 | 133,535 | 136,385 | 139,295 | 142,268 | 145,30 |
| LACW (H) | Recycling (LACW) | 42,048 | 46,359 | 50,835 | 55,481 | 60,302 | 61,589 | 62,903 | 64,246 | 65,617 | 67,017 | | 69,908 | 71,400 | -, | 74,480 | 76,070 | , | 79,351 | 81,044 | | |
| LACW (H) | Composting | 14,287 | 14,486 | 14,687 | 14,871 | 15,076 | 15,397 | 15,726 | 16,061 | 16,404 | 16,754 | | 17,477 | 17,850 | | 18,620 | 19,017 | 19,423 | 19,838 | 3 20,261 | 20,694 | 1 21,13 |
| LACW Secondary | Landfill (Hazardous) | 572 | 585 | 597 | 610 | 623 | 636 | 650 | 664 | 678 | 692 | 707 | 722 | 737 | 753 | 769 | 786 | 802 | 820 | 837 | | |
| LACW Secondary | Recycling (LACW) | 26.873 | 27.447 | 28.032 | 28.631 | 29.242 | 29.866 | 30.503 | 31.154 | 31.819 | 32.498 | | 33.900 | 34.623 | 35.362 | 36,117 | 36.888 | | 38.479 | | | _ |
| LACW Secondary | Recycling (Metals) | 2,392 | 2,443 | 2,495 | 2,548 | 2,602 | 2,658 | 2,715 | 2,773 | 2,832 | 2,892 | 2,954 | 3,017 | 3,081 | 3,147 | 3,214 | 3,283 | 3,353 | 3,424 | , | -, | |

Growth Option 4

| Crewth A/Deceline Deceline | - | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-----------------------------------------|--------------|--------------|---------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|---------------|---------------|--------------|---------|
| Growth 4/Baseline Recycling | E76-E | 0040 | 0047 | 0040 | 0040 | 0000 | 0004 | 0000 | 0000 | 0004 | 0005 | 0000 | 0007 | 0000 | 0000 | 0000 | 0004 | 0000 | 0000 | 0004 | 0005 | 2000 |
| Waste Type | Facility Type | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 |
| Industrial Waste | Landfill (C+I and LACW) | 50,017 | 50,832 | 51,718 | 52,075 | 52,042 | 51,896 | 51,690 | 51,417 | 51,192 | 50,996 | 50,621 | 50,260 | 49,930 | 49,595 | 49,259 | 48,908 | | 48,212 | 47,868 | 47,527 | 47,187 |
| | Recycling (C+I, Agri) | 80,027 | 81,332 | | 83,320 | 83,268 | 83,033 | 82,704 | 82,267 | 81,908 | 81,593 | 80,993 | 80,417 | 79,888 | 79,351 | 78,815 | 78,253 | , | 77,140 | 76,589 | 76,042 | 75,500 |
| | Composting | 2,001 | 2,033 | 2,069 | 2,083 | 2,082 | 2,076 | 2,068 | 2,057 | 2,048 | 2,040 | 2,025 | 2,010 | 1,997 | 1,984 | 1,970 | 1,956 | 1,942 | 1,928 | 1,915 | 1,901 | 1,887 |
| | Recycling (Metals) | 60,020 | 60,999 | | 62,490 | 62,451 | 62,275 | 62,028 | 61,700 | 61,431 | 61,195 | 60,745 | 60,313 | 59,916 | | 59,111 | 58,689 | | 57,855 | 57,442 | 57,032 | 56,625 |
| Industrial Waste | Treatment plant | 2,001 | 2,033 | 2,069 | 2,083 | 2,082 | 2,076 | 2,068 | 2,057 | 2,048 | 2,040 | 2,025 | 2,010 | 1,997 | 1,984 | 1,970 | 1,956 | 1,942 | 1,928 | 1,915 | 1,901 | 1,887 |
| Industrial Waste | Land recovery | 6,002 | 6,100 | 6,206 | 6,249 | 6,245 | 6,227 | 6,203 | 6,170 | 6,143 | 6,119 | 6,074 | 6,031 | 5,992 | 5,951 | 5,911 | 5,869 | 5,827 | 5,785 | 5,744 | 5,703 | 5,662 |
| Industrial Waste | Don't know | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Commercial Waste | Landfill (C+I and LACW) | 58,213 | 58,550 | 58,888 | 59,200 | 59,534 | 59,876 | 60,203 | 60,528 | 60,930 | 61,332 | 61,845 | 62,374 | 62,899 | 63,432 | 64,000 | 64,576 | 65,157 | 65,744 | 66,336 | 66,933 | 67,535 |
| | Thermal Treatment (energy | | | | | | | | | | | | | | | | | | | | | |
| Commercial Waste | recovery) | 1,878 | 1,889 | 1,900 | 1,910 | 1,920 | 1,931 | 1,942 | 1,953 | 1,965 | 1,978 | 1,995 | 2,012 | 2,029 | 2,046 | 2,065 | 2,083 | 2,102 | 2,121 | 2,140 | 2,159 | 2,179 |
| | Thermal Treatment (without | | | | | | | | | | | | | | | | | | | | | |
| Commercial Waste | energy recovery) | 1,878 | 1,889 | 1,900 | 1,910 | 1,920 | 1,931 | 1,942 | 1,953 | 1,965 | 1,978 | 1,995 | 2,012 | 2,029 | 2,046 | 2,065 | 2,083 | 2,102 | 2,121 | 2,140 | 2,159 | 2,179 |
| Commercial Waste | Recycling (C+I, Agri) | 122,060 | 122,765 | 123,474 | 124,129 | 124,829 | 125,547 | 126,231 | 126,914 | 127,757 | 128,599 | 129,676 | 130,783 | 131,886 | 133,003 | 134,193 | 135,401 | 136,620 | 137,850 | 139,091 | 140,343 | 141,606 |
| Commercial Waste | Composting | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Commercial Waste | Treatment plant | 3,756 | 3,777 | 3,799 | 3,819 | 3,841 | 3,863 | 3,884 | 3,905 | 3,931 | 3,957 | 3,990 | 4,024 | 4,058 | 4,092 | 4,129 | 4,166 | 4,204 | 4,242 | 4,280 | 4,318 | 4,357 |
| | Don't know | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction and Demolition | | | | | | | | | | | | | | | | | | | | | | |
| Waste | Landfill (CD&E) | 11,013 | 11,193 | 11,388 | 11,466 | 11,459 | 11,427 | 11,382 | 11,322 | 11,272 | 11,229 | 11,146 | 11,067 | 10,994 | 10,920 | 10,846 | 10,769 | 10,692 | 10,616 | 10,540 | 10,465 | 10,390 |
| Construction and Demolition | (5.00) | , | , | , | , | , | , | , | ,- | , | , - | , - | , | -, | , | -, | -, | -, | -, | -,- | -, | -, |
| | Recycling (Inerts C+D) | 26,686 | 27,121 | 27,593 | 27,784 | 27,766 | 27,688 | 27,579 | 27,433 | 27,313 | 27,208 | 27,008 | 26,816 | 26,640 | 26,461 | 26,282 | 26,094 | 25,908 | 25,723 | 25,539 | 25,357 | 25,176 |
| Construction and Demolition | troop carried to a series | | | | | , | | | , | | | | | | | | | , | | | | |
| | Other Treatment | 47,018 | 47,785 | 48,617 | 48,953 | 48,922 | 48,784 | 48,591 | 48,334 | 48,123 | 47,938 | 47,586 | 47,247 | 46,936 | 46,621 | 46,306 | 45,975 | 45,647 | 45,322 | 44.998 | 44,677 | 44,358 |
| Excavation Waste | Landfill (CD&E) | 140.212 | 142,498 | | 145,982 | 145,890 | 145,479 | 144.903 | 144.137 | 143,508 | 142,956 | , | 140,895 | 139,969 | 139,028 | 138,089 | 137,103 | | 135,153 | , | 133,231 | 132,280 |
| | Recycling (Inerts C+D) | 57,035 | 57,965 | | 59,383 | 59,345 | 59,178 | 58,944 | 58,632 | 58,376 | 58,152 | 57,724 | 57,313 | 56,937 | 56,554 | 56,172 | 55,771 | | 54,978 | 54,585 | 54,196 | 53,809 |
| | Other Treatment | 2,376 | 2,415 | | 2,474 | 2,473 | 2,466 | 2,456 | 2,443 | 2,432 | 2,423 | 2,405 | 2,388 | 2,372 | 2,356 | 2,340 | 2,324 | 2,307 | 2,291 | 2,274 | 2,258 | 2,242 |
| Excavation Waste | Land recovery | 38,023 | 38,644 | | 39,588 | 39,563 | 39,452 | 39,296 | 39,088 | 38,917 | 38,768 | 38,483 | 38,209 | 37,958 | 37,703 | 37,448 | 37,181 | _ | 36,652 | 36,390 | 36,130 | 35,873 |
| LXCavation Waste | Incineration (Animal By- | 30,023 | 30,044 | 39,317 | 39,300 | 39,303 | 33,432 | 39,290 | 39,000 | 30,317 | 30,700 | 30,403 | 30,209 | 31,330 | 31,103 | 37,440 | 37,101 | 30,913 | 30,032 | 30,330 | 30, 130 | 33,073 |
| Agricultural Waste | Product) | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 |
| Agricultural Waste | Recycling (C+I, Agri) | 1,723 | 1,723 | 1,723 | 1,723 | 1,723 | 1,723 | 1,723 | 1,723 | 1,723 | 1,723 | 1,723 | 1,723 | 1,723 | 1,723 | 1,723 | 1,723 | 1,723 | 1,723 | 1,723 | 1,723 | 1,723 |
| U | , , , , , , | | | 1,034 | , | 1,034 | , | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | | 1,034 | 1,034 | | 1,034 | 1,034 | , | 1,034 |
| Agricultural Waste | Treatment plant Landfill (C+I and LACW) | 1,034 453 | 1,034 458 | | 1,034 466 | 470 | 1,034 475 | 479 | 484 | 488 | 493 | 497 | 502 | 507 | 1,034 511 | 516 | 521 | 1,034 526 | 531 | 536 | 1,034 541 | 546 |
| LACW (Other) | | 453 | 400 | 402 | 400 | 470 | 4/5 | 479 | 404 | 400 | 493 | 497 | 502 | 507 | 311 | 316 | 521 | 526 | 331 | 330 | 541 | 340 |
| LACIAL (Other) | Thermal Treatment (energy | 4 005 | 4 207 | 4 200 | 4 000 | 4 044 | 4 257 | 4 200 | 4 200 | 4 205 | 4 400 | 4 404 | 4 404 | 4 440 | 4 404 | 4 475 | 4 400 | 4 500 | 4 540 | 4 500 | 4 5 4 4 | 4 550 |
| LACW (Other) | recovery) | 1,295 | 1,307 | 1,320 | 1,332 | 1,344 | 1,357 | 1,369 | 1,382 | 1,395 | 1,408 | 1,421 | 1,434 | 1,448 | 1,461 | 1,475 | 1,488 | 1,502 | 1,516 | 1,530 | 1,544 | 1,559 |
| LACW (Other) | Recycling (LACW) | 16,141 | 16,291 | 16,442 | 16,595 | 16,749 | 16,905 | 17,062 | 17,220 | 17,380 | 17,542 | 17,705 | 17,870 | 18,036 | 18,203 | 18,372 | 18,543 | | 18,889 | 19,065 | 19,242 | 19,421 |
| Hazardous waste | Landfill (Hazardous) | 6,441 | 6,546 | 6,660 | 6,706 | 6,702 | 6,683 | 6,656 | 6,621 | 6,592 | 6,567 | 6,518 | 6,472 | 6,430 | 6,386 | 6,343 | 6,298 | 6,253 | 6,208 | 6,164 | 6,120 | 6,076 |
| l | Thermal Treatment (energy | | | | | | | | | | | | | | | | | | | | | |
| Hazardous waste | recovery) | 360 | 366 | 372 | 375 | 374 | 373 | 372 | 370 | 368 | 367 | 364 | 362 | 359 | 357 | 354 | 352 | 349 | 347 | 344 | 342 | 339 |
| | Thermal Treatment (without | | | | | | | | | | | | | | | | | | | | | |
| | energy recovery) | 3,385 | | 3,501 | 3,525 | 3,522 | 3,513 | 3,499 | 3,480 | 3,465 | 3,452 | 3,426 | 3,402 | 3,380 | 3,357 | 3,334 | 3,310 | | 3,263 | 3,240 | 3,217 | 3,194 |
| Hazardous waste | Recycling (Hazardous) | 19,480 | 19,798 | | 20,282 | 20,269 | 20,212 | 20,132 | 20,026 | 19,938 | 19,862 | 19,716 | 19,575 | 19,447 | 19,316 | 19,186 | 19,049 | , | 18,778 | | 18,511 | 18,378 |
| Hazardous waste | Treatment plant | 6,108 | 6,208 | | 6,360 | 6,356 | 6,338 | 6,313 | 6,279 | 6,252 | 6,228 | 6,182 | 6,138 | 6,098 | 6,057 | 6,016 | 5,973 | 5,930 | 5,888 | 5,846 | 5,804 | 5,763 |
| LACW (H) | Landfill (C+I and LACW) | 16,458 | 16,832 | 17,215 | 17,606 | 18,006 | 18,415 | 18,834 | 19,262 | 19,700 | 20,147 | 20,605 | 21,074 | 21,553 | 22,042 | 22,543 | 23,056 | 23,580 | 24,116 | 24,664 | 25,224 | 25,798 |
| l l | Thermal Treatment (energy | | | | | | | | | | | | | | | | | | | | | |
| LACW (H) | recovery) | 110,608 | 113,121 | 115,693 | 118,322 | 121,011 | 123,762 | 126,574 | 129,451 | 132,393 | 135,402 | , | 141,627 | 144,846 | | 151,505 | 154,948 | | 162,072 | 165,755 | 169,523 | 173,376 |
| LACW (H) | Recycling (LACW) | 32,142 | 32,872 | 33,619 | 34,383 | 35,165 | 35,964 | 36,781 | 37,617 | 38,472 | 39,347 | 40,241 | 41,155 | 42,091 | 43,048 | 44,026 | 45,027 | 46,050 | 47,097 | 48,167 | 49,262 | 50,381 |
| L A C/A/ /LI/ | Composting | 14,678 | 15,011 | 15,353 | 15,702 | 16,058 | 16,423 | 16,797 | 17,178 | 17,569 | 17,968 | 18,377 | 18,794 | 19,221 | 19,658 | 20,105 | 20,562 | 21,029 | 21,507 | 21,996 | 22,496 | 23,007 |
| LACW (H) | Composting | | | | | | | | | | | | | | | | | | | | | |
| LACW (H) LACW Secondary | Landfill (Hazardous) | 575 | 588 | 601 | 615 | 629 | 643 | 658 | 673 | 688 | 703 | 719 | 736 | 753 | 770 | 787 | 805 | 823 | 842 | 861 | 881 | 901 |
| \ / | | | - | | 615 28,864 | 629 29,520 | 643 30,191 | 658 30,878 | 673 31,579 | 688 32,297 | 703 33,031 | 719 33,782 | 736 34,550 | 753 35,335 | 770 36,138 | 787 36,959 | 805 37,799 | | 842 39,537 | 861 40,436 | 41,355 | 42,295 |

| Growth 4 /Maximised Recyclin | na | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| Waste Type | Facility Type | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 |
| Industrial Waste | Landfill (C+I and LACW) | 42.294 | 40,381 | 38,416 | 36,015 | 33,307 | 32,466 | 31,572 | 30,665 | 29,794 | 28,925 | 27,983 | 27,040 | 26,143 | 25,254 | 24.354 | 23,476 | | 23,142 | 22,977 | | 3 22,650 |
| Industrial Waste | Recycling (C+I, Agri) | 88.610 | 92,942 | 97.519 | 101.172 | 104.084 | 104.726 | 105,262 | 105,631 | 106,112 | 106,622 | 106,769 | , | 107,130 | 107,303 | 107,484 | 107,597 | | | 105,310 | | , |
| Industrial Waste | Composting | 2.001 | 2,033 | 2.069 | 2.083 | 2,082 | 1,889 | 1,695 | 1,501 | 1,311 | 1.122 | 911 | 724 | 539 | 357 | 107,464 | 107,397 | 100,629 | 100,007 | 105,510 | 104,330 | 103,612 |
| Industrial Waste | Recycling (Metals) | 60.020 | 60.999 | 62.061 | 62,490 | 62,451 | 62,275 | 62,028 | 61.700 | 61,431 | 61,195 | 60.745 | | | 59,513 | 59,111 | 58,689 | 58.271 | 57.855 | 57.442 | 57.032 | 2 56.62 |
| | , , , | / | 874 | 600 | 292 | 02,431 | 02,275 | 02,020 | 61,700 | 01,431 | 01,190 | 00,745 | 00,313 | 59,916 | 59,513 | 59,111 | 30,009 | 30,271 | 57,655 | 57,442 | 57,032 | 2 30,02 |
| Industrial Waste | Treatment plant | 1,140 | | | | 6 245 | 6 227 | 6,203 | 6.170 | 6 1 1 2 | 6 110 | 6.074 | 6.024 | F 002 | F 0F1 | F 011 | F 960 | F 927 | E 70E | E 744 | F 700 | 5,66 |
| Industrial Waste | Land recovery Don't know | 6,002 | 6,100 | 6,206 | 6,249 | 6,245 | 6,227 | 6,203 | 6,170 | 6,143 | 6,119 | 6,074 | 6,031 | 5,992 | 5,951 | 5,911 | 5,869 | 5,827 | 5,785 | 5,744 | 5,703 | 5,00 |
| Industrial Waste | | 46.139 | 42.364 | 38,543 | 24 644 | 20.727 | 29,841 | 28,955 | 20,020 | 27.462 | 26,254 | 25 206 | 24 507 | 22.640 | 22 602 | 24 704 | 20.024 | 24 040 | 24 200 | 24 200 | 24 504 | 21,78 |
| Commercial Waste | Landfill (C+I and LACW) | 46,139 | 42,364 | 38,543 | 34,641 | 30,727 | 29,841 | 28,955 | 28,038 | 27,163 | 26,254 | 25,396 | 24,507 | 23,618 | 22,692 | 21,781 | 20,831 | 21,019 | 21,208 | 21,399 | 21,591 | 21,78 |
| Commonial Wasts | Thermal Treatment (energy | E 000 | 7 000 | 0.004 | 40.400 | 44 500 | 44 500 | 44.050 | 44 745 | 44 700 | 44.074 | 44.070 | 40.070 | 40 474 | 40.077 | 40.007 | 40 400 | 40.044 | 40.705 | 40.000 | 40.055 | 40.07 |
| Commercial Waste | recovery) | 5,896 | 7,290 | 8,681 | 10,102 | 11,523 | 11,589 | 11,652 | 11,715 | 11,793 | 11,871 | 11,970 | 12,072 | 12,174 | 12,277 | 12,387 | 12,499 | 12,611 | 12,725 | 12,839 | 12,955 | 13,07 |
| | Thermal Treatment (without | 4.070 | 0.40 | | 007 | | • | | | | | | | | | | | | | | _ | |
| Commercial Waste | energy recovery) | 1,070 | 812 | 551 | 267 | 0 | 0 | 0 | 0 | 450.000 | 450.075 | 0 | 0 | 0 | 101 001 | 0 | 100.040 | 100 110 | 0 | 174 100 | 470 700 |) (74.00) |
| Commercial Waste | Recycling (C+I, Agri) | 130,116 | 133,550 | 137,037 | 140,494 | 144,033 | 145,731 | 147,419 | 149,095 | 150,989 | 152,875 | 155,072 | 157,302 | 159,561 | 161,834 | 164,232 | 166,648 | 168,148 | 169,662 | 171,189 | 172,730 | 174,28 |
| Commercial Waste | Composting | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (|) (|
| Commercial Waste | Treatment plant | 4,563 | 4,854 | 5,148 | 5,462 | 5,761 | 5,968 | 6,176 | | 6,604 | 6,826 | 7,082 | 7,324 | 7,568 | 7,816 | 8,072 | 8,332 | 8,407 | 8,483 | 8,559 | 8,636 | 8,71 |
| Commercial Waste | Don't know | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (|) (|
| Construction and Demolition | | | | | | | | | | | | | | | | | | | | | | |
| Waste | Landfill (CD&E) | 9,920 | 9,720 | 9,513 | 9,200 | 8,815 | 8,790 | 8,755 | 8,709 | 8,671 | 8,638 | 8,574 | 8,513 | 8,457 | 8,400 | 8,343 | 8,284 | 8,225 | 8,166 | 8,108 | 8,050 | 7,99 |
| Construction and Demolition | | | | | | | | | | | | | | | | | | | | | | |
| Waste | Recycling (Inerts C+D) | 29,769 | 31,305 | 32,911 | 34,214 | 35,259 | 35,555 | 35,817 | 36,020 | 36,261 | 36,511 | 36,637 | 36,759 | 36,906 | 37,036 | 37,170 | 37,277 | 37,011 | 36,747 | 36,485 | 36,225 | 35,96 |
| Construction and Demolition | | | | | | | | | | | | | | | | | | | | | | |
| Waste | Other Treatment | 45,018 | 45,081 | 45,174 | 44,798 | 44,074 | 43,554 | 42,979 | 42,360 | 41,776 | 41,227 | 40,529 | | | 38,565 | 37,921 | | | 36,747 | 36,485 | | , |
| Excavation Waste | Landfill (CD&E) | 125,264 | 121,462 | 117,606 | 112,406 | 106,327 | 104,918 | 103,372 | 101,727 | 100,163 | 98,688 | 96,856 | 95,092 | 93,376 | 91,688 | 89,992 | 88,304 | | 87,048 | 86,427 | | |
| Excavation Waste | Recycling (Inerts C+D) | 74,692 | 81,079 | 87,750 | 93,676 | 98,908 | 99,740 | 100,474 | 101,043 | 101,720 | 102,420 | 102,773 | 103,116 | 103,530 | 103,894 | 104,269 | 104,570 | 103,824 | 103,083 | 102,347 | | 100,89 |
| Excavation Waste | Other Treatment | 3,731 | 3,454 | 3,170 | 2,821 | 2,473 | 2,466 | 2,456 | 2,443 | 2,432 | 2,423 | 2,405 | 2,388 | 2,372 | 2,356 | 2,340 | 2,324 | 2,307 | 2,291 | 2,274 | | |
| Excavation Waste | Land recovery | 33,960 | 35,528 | 37,203 | 38,524 | 39,563 | 39,452 | 39,296 | 39,088 | 38,917 | 38,768 | 38,483 | 38,209 | 37,958 | 37,703 | 37,448 | 37,181 | 36,915 | 36,652 | 36,390 | 36,130 | 35,87 |
| | Incineration (Animal By- | | | | | | | | | | | | | | | | | | | | | |
| Agricultural Waste | Product) | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | 1,725 | | 1,725 | 1,725 | 1,725 | | 1,725 | | | , |
| Agricultural Waste | Recycling (C+I, Agri) | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | |
| Agricultural Waste | Treatment plant | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | 1,034 | , |
| LACW (Other) | Landfill (C+I and LACW) | 453 | 458 | 462 | 466 | 470 | 475 | 479 | 484 | 488 | 493 | 497 | 502 | 507 | 511 | 516 | 521 | 526 | 531 | 536 | 541 | 540 |
| | Thermal Treatment (energy | | | | | | | | | | | | | | | | | | | | | |
| LACW (Other) | recovery) | 1,295 | 1,307 | 1,320 | 1,332 | 1,344 | 1,357 | 1,369 | 1,382 | 1,395 | 1,408 | 1,421 | 1,434 | | 1,461 | 1,475 | 1,488 | 1,502 | 1,516 | | | |
| LACW (Other) | Recycling (LACW) | 16,141 | 16,291 | 16,442 | 16,595 | 16,749 | 16,905 | 17,062 | 17,220 | 17,380 | 17,542 | 17,705 | , | 18,036 | 18,203 | 18,372 | 18,543 | | | 19,065 | | |
| Hazardous waste | Landfill (Hazardous) | 6,441 | 6,546 | 6,660 | 6,706 | 6,702 | 6,683 | 6,656 | 6,621 | 6,592 | 6,567 | 6,518 | 6,472 | 6,430 | 6,386 | 6,343 | 6,298 | 6,253 | 6,208 | 6,164 | 6,120 | 6,07 |
| | Thermal Treatment (energy | | | | | | | | | | | | | | | | | | | | | |
| Hazardous waste | recovery) | 360 | 366 | 372 | 375 | 374 | 373 | 372 | 370 | 368 | 367 | 364 | 362 | 359 | 357 | 354 | 352 | 349 | 347 | 344 | 342 | 2 33 |
| | Thermal Treatment (without | | | | | | | | | | | | | | | | | | | | | |
| Hazardous waste | energy recovery) | 3,385 | 3,441 | 3,501 | 3,525 | 3,522 | 3,513 | 3,499 | 3,480 | 3,465 | 3,452 | 3,426 | | | 3,357 | 3,334 | 3,310 | 3,287 | 3,263 | 3,240 | | , |
| Hazardous waste | Recycling (Hazardous) | 19,480 | 19,798 | 20,143 | 20,282 | 20,269 | 20,212 | 20,132 | 20,026 | 19,938 | 19,862 | 19,716 | | | 19,316 | | 19,049 | 18,913 | 18,778 | 18,644 | | |
| Hazardous waste | Treatment plant | 6,108 | 6,208 | 6,316 | 6,360 | 6,356 | 6,338 | 6,313 | 6,279 | 6,252 | 6,228 | 6,182 | 6,138 | , | 6,057 | 6,016 | 5,973 | 5,930 | 5,888 | 5,846 | | |
| LACW (H) | Landfill (C+I and LACW) | 13,128 | 12,289 | 11,422 | 10,491 | 9,512 | 9,728 | 9,949 | 10,175 | 10,407 | 10,643 | 10,885 | 11,133 | 11,386 | 11,644 | 11,909 | 12,180 | 12,456 | 12,740 | 13,029 | 13,325 | 13,62 |
| | Thermal Treatment (energy | | | | | | | | | | | | | | | | | | | | | |
| LACW (H) | recovery) | 96,732 | 94,218 | | 88,654 | 85,608 | 87,554 | 89,544 | 91,579 | 93,660 | 95,789 | 97,966 | | | 104,799 | 107,181 | 109,617 | | 114,656 | | 119,927 | , |
| LACW (H) | Recycling (LACW) | 49,662 | 56,766 | 64,167 | 71,875 | 79,901 | 81,717 | 83,574 | 85,474 | 87,416 | 89,403 | 91,435 | 93,513 | 95,639 | 97,812 | 100,035 | 102,309 | 104,634 | 107,012 | 109,444 | 111,932 | |
| LACW (H) | Composting | 14,346 | 14,565 | 14,787 | 14,993 | 15,219 | 15,565 | 15,919 | 16,281 | 16,651 | 17,029 | 17,416 | 17,812 | 18,217 | 18,631 | 19,054 | 19,487 | 19,930 | 20,383 | 20,847 | 21,320 | 21,80 |
| LACW Secondary | Landfill (Hazardous) | 575 | 588 | 601 | 615 | 629 | 643 | 658 | 673 | 688 | 703 | 719 | 736 | 753 | 770 | 787 | 805 | 823 | 842 | 861 | 881 | 90 |
| LACW Secondary | Recycling (LACW) | 26,982 | 27,596 | 28,223 | 28,864 | 29,520 | 30,191 | 30,878 | 31,579 | 32,297 | 33,031 | 33,782 | 34,550 | 35,335 | 36,138 | 36,959 | 37,799 | 38,658 | 39,537 | 40,436 | 41,355 | 42,29 |
| LACW Secondary | Recycling (Metals) | 2,401 | 2,456 | 2,512 | 2,569 | 2,627 | 2,687 | 2,748 | 2,810 | 2,874 | 2,940 | 3,006 | 3,075 | 3,145 | 3,216 | 3,289 | 3,364 | 3,440 | 3,519 | 3,599 | 3,680 | 3,76 |

| Growth 4/Median Recycling | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|-------------------------------------|-------------------|-------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|------------------|------------------|-----------------|-----------|
| Waste Type | Facility Type | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 |
| Industrial Waste | Landfill (C+I and LACW) | 46,596 | 46,176 | 45,801 | 44,930 | 43,715 | 43,032 | 42,283 | 41,504 | 40,770 | 40,062 | 39,201 | 38,379 | 37,587 | 36,799 | 35,999 | 35,214 | | 34,713 | 34,465 | | |
| Industrial Waste | Recycling (C+I, Agri) | 84,308 | 87.147 | 90,134 | 92,256 | 93,676 | 94,346 | 94,924 | 95,348 | 95,873 | 96,423 | 96,645 | 96,862 | 97.144 | 97,384 | 97,632 | 97,816 | | | 95,736 | | |
| Industrial Waste | Composting | 2.001 | 2,033 | 2.069 | 2.083 | 2,082 | 1,889 | 1.695 | 1,501 | 1,311 | 1.122 | 911 | 724 | 539 | 357 | 177 | 07,010 | 07,110 | 00,120 | 00,700 | 00,000 |) (|
| Industrial Waste | Recycling (Metals) | 60.020 | 60.999 | 62.061 | 62.490 | 62,451 | 62,275 | 62.028 | 61.700 | 61,431 | 61,195 | 60.745 | | | 59,513 | 59,111 | 58,689 | 58.271 | 57.855 | 57.442 | 57.032 | 56.625 |
| Industrial Waste | Treatment plant | 1,140 | 874 | 600 | 292 | 02,701 | 02,270 | 02,020 | 01,700 | 01,401 | 01,100 | 00,740 | 00,010 | 00,010 | 00,010 | 00,111 | 00,000 | 00,271 | 07,000 | 07,442 | 01,002 |) (|
| Industrial Waste | Land recovery | 6,002 | 6,100 | 6,206 | 6,249 | 6,245 | 6,041 | 5,831 | 5,615 | 5,406 | 5,202 | 4,961 | 4,745 | 4,534 | 4,325 | 4,118 | 3,913 | 3,885 | 3,857 | 3,829 | 3,802 | 3,775 |
| Industrial Waste | Don't know | 0,002 | 0,100 | 0,200 | 0,243 | 0,240 | 0,041 | 0,001 | 0,010 | 0,400 | 0,202 | 1,301 | 1,740 | 1,004 | 7,020 | 7,110 | 0,510 | 0,000 | 0,007 | 0,020 | 0,002 |) 0,770 |
| Commercial Waste | Landfill (C+I and LACW) | 46.139 | 42.364 | 38,543 | 34,641 | 30,727 | 29,146 | 27,538 | 25,910 | 24,294 | 22,653 | 21,047 | 19,396 | 17.713 | 16,001 | 14,266 | 12,499 | 12,611 | 12,725 | 12,839 | 12,955 | 13,071 |
| Commercial Waste | Thermal Treatment (energy | 40,100 | 72,007 | 00,040 | 04,041 | 00,727 | 20,140 | 21,000 | 20,010 | 24,254 | 22,000 | 21,047 | 10,000 | 17,710 | 10,001 | 14,200 | 12,400 | 12,011 | 12,720 | 12,000 | 12,000 | 10,07 |
| Commercial Waste | recovery) | 9.126 | 11.597 | 14,114 | 16,633 | 19,204 | 20,184 | 21,187 | 22,181 | 23,232 | 24,276 | 25,396 | 26,519 | 27,676 | 28,831 | 30.039 | 31,246 | 31,528 | 31,812 | 32,098 | 32.387 | 32,678 |
| Commercial Waste | Thermal Treatment (without | 3,120 | 11,001 | 14,114 | 10,000 | 13,204 | 20,104 | 21,107 | 22,101 | 20,202 | 24,210 | 20,000 | 20,019 | 21,010 | 20,001 | 30,033 | 31,240 | 31,320 | 31,012 | 32,030 | 32,307 | 32,070 |
| Commercial Waste | energy recovery) | 1.070 | 812 | 551 | 267 | 0 | ٥ | 0 | ٨ | 0 | 0 | 0 | ٥ | 0 | 0 | ٥ | _ | 0 | ٥ | | |) (|
| Commercial Waste | Recycling (C+I, Agri) | 126.078 | 128,167 | | | 134,431 | 136,073 | 137.709 | 139.332 | 141.162 | 142,983 | 145 007 | 147,242 | 149.416 | 151.603 | 153.910 | 156.232 | 157.639 | 159.058 | 160.490 | 161.934 | 1 163.392 |
| Commercial Waste | Composting | 120,070 | 120, 107 | 130,230 | 132,321 | 134,431 | 130,073 | 137,709 | 139,332 | 141,102 | 142,900 | 143,037 | 147,242 | 143,410 | 131,003 | 133,910 | 130,232 | 137,039 | 139,030 | 100,430 | 101,934 | 100,092 |
| Commercial Waste | Treatment plant | 5,371 | 5,931 | 6,516 | 7.085 | 7,682 | 7,726 | 7,768 | 7,810 | 7,862 | 7.914 | 7,980 | 8.048 | 8.116 | 8,185 | 8,258 | 8,332 | 8,407 | 8,483 | 8,559 | 8,636 | 8.714 |
| Commercial Waste | Don't know | 0,371 | 0,901 | 0,310 | 7,000 | 7,002 | 1,120 | 7,700 | 7,610 | 7,002 | 7,314 | 7,300 | 0,040 | 0,110 | 0,100 | 0,230 | 0,332 | 0,407 | 0,403 | 0,559 | 0,030 | 0,714 |
| Construction and Demolition | DOITE KNOW | 0 | 0 | U | - 0 | 0 | 0 | 0 | U | U | U | 0 | 0 | 0 | - 0 | 0 | 0 | 0 | 0 | U | | + |
| Waste | Landfill (CD&E) | 9,920 | 9,720 | 9,513 | 9,200 | 8,815 | 8,790 | 8,755 | 8,709 | 8,671 | 8,638 | 8,574 | 8,513 | 8,457 | 8,400 | 8,343 | 8,284 | 8,225 | 8,166 | 8,108 | 8,050 | 7,992 |
| Construction and Demolition | Landilli (CD&L) | 9,920 | 9,720 | 3,313 | 9,200 | 0,013 | 0,730 | 0,733 | 0,709 | 0,071 | 0,030 | 0,374 | 0,515 | 0,437 | 0,400 | 0,343 | 0,204 | 0,223 | 0,100 | 0,100 | 0,000 | 1,332 |
| Waste | Recycling (Inerts C+D) | 27,957 | 28,843 | 29,783 | 30,430 | 30,852 | 31,160 | 31,440 | 31,665 | 31,926 | 32,192 | 32,350 | 32,502 | 32,678 | 32,836 | 32,998 | 33,135 | 32,899 | 32,664 | 32,431 | 32,200 | 31,970 |
| Construction and Demolition | Recycling (mens C+D) | 21,931 | 20,043 | 29,703 | 30,430 | 30,632 | 31,100 | 31,440 | 31,003 | 31,920 | 32,192 | 32,330 | 32,302 | 32,070 | 32,030 | 32,990 | 33,133 | 32,099 | 32,004 | 32,431 | 32,200 | 31,970 |
| Waste | Other Treatment | 46 040 | 47 E2E | 40 202 | 40 E72 | 40 404 | 47.040 | 47.256 | 46 744 | 46 444 | AE E AG | 44 046 | 44 444 | 40 405 | 40.765 | 42.002 | 41.419 | 44 404 | 40.020 | 40 520 | 40.040 | 20.06 |
| | Landfill (CD&E) | 46,840 117,136 | 47,535 110,400 | 48,302 103,550 | 48,573 95,433 | 48,481 86,545 | 47,949 86,079 | 47,356 85,517 | 46,714 84,845 | 46,111 84,256 | 45,546 83,714 | 44,816 82,858 | 44,114 82,053 | 43,435 81,301 | 42,765 80,542 | 42,093 79,787 | 79,009 | | 40,830 77,885 | 40,539 77,329 | | |
| Excavation Waste Excavation Waste | Recycling (Inerts C+D) | 64.497 | 67,288 | 70.205 | 72,471 | 74.181 | 75.082 | 75,914 | 76,613 | 77.397 | 78,190 | 78.721 | 79.235 | 79.806 | 80,330 | 80.864 | 81,333 | | 80.176 | 79,603 | 79.035 | 78,471 |
| Excavation Waste | Other Treatment | 22.077 | 28,282 | 34,746 | 40,999 | 46,981 | 45,962 | 44,871 | 43,754 | 42,687 | 41,627 | 40,455 | 39,283 | 38,171 | | 35,950 | 34,857 | | 34,361 | 34,116 | -, | |
| Excavation Waste | Land recovery | 33.960 | 35.528 | | 38.524 | 39.563 | 39,452 | 39.296 | 39.088 | 38.917 | 38.768 | 38.483 | 38,203 | , | 37,066 37,703 | 37,448 | | | | 36,390 | | |
| Excavation waste | | 33,960 | 33,326 | 31,203 | 30,324 | 39,303 | 39,432 | 39,290 | 39,000 | 30,917 | 30,700 | 30,403 | 30,209 | 37,936 | 31,103 | 37,440 | 37,101 | 36,913 | 30,032 | 30,390 | 30,130 | 33,073 |
| A gripultural Manta | Incineration (Animal By- | 1 705 | 1 705 | 1 705 | 1 705 | 1 705 | 1 705 | 1 705 | 1 705 | 1 705 | 1 705 | 1 705 | 1 705 | 1 705 | 1 705 | 1 705 | 1 705 | 1 705 | 1 705 | 1 705 | 4 705 | . 4 701 |
| Agricultural Waste Agricultural Waste | Product) Recycling (C+I, Agri) | 1,725 1,253 | 1,725 1,253 | 1,725 1,253 | 1,725 1,253 | 1,725 1,253 | 1,725 1,253 | 1,725 1,253 | 1,725 1,253 | 1,725 1,253 | 1,725 1,253 | 1,725 1,253 | 1,725 1,253 | 1,725 1,253 | 1,725 1,253 | 1,725 1,253 | 1,725 1,253 | 1,725 1,253 | 1,725 1,253 | 1,725 1,253 | 1,725 1,253 | |
| Agricultural Waste | Treatment plant | 1,255 | 1,255 | 1,253 | 1,255 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | 1,253 | | 1,253 | 1,253 | 1,233 | 1,253 | 1,253 | 1,253 | 1,253 | | 1,253 | |
| LACW (Other) | Landfill (C+I and LACW) | 453 | 458 | 462 | 466 | 470 | 475 | 479 | 484 | 488 | 493 | 1,034 497 | 502 | 507 | 511 | 516 | , | 526 | 531 | 1,034 536 | 541 | |
| LACW (Other) | Thermal Treatment (energy | 403 | 400 | 402 | 400 | 470 | 4/3 | 479 | 404 | 400 | 493 | 497 | 502 | 507 | 311 | 316 | 521 | 320 | 551 | 530 | 541 | 340 |
| LACM (Other) | (0, | 1 205 | 1 207 | 1 220 | 1 222 | 1 244 | 1 257 | 1 260 | 4 202 | 1 205 | 1 100 | 1 101 | 1 121 | 1 110 | 1 464 | 1 175 | 1 100 | 1 500 | 1 516 | 1 520 | 1 5 4 4 | 1 550 |
| LACW (Other) | recovery) Recycling (LACW) | 1,295 16,141 | 1,307 16,291 | 1,320 16,442 | 1,332 16,595 | 1,344 16,749 | 1,357 16,905 | 1,369 17,062 | 1,382 17,220 | 1,395 17,380 | 1,408 17,542 | 1,421 17.705 | 1,434 17,870 | 1,448 18,036 | 1,461 18,203 | 1,475 18,372 | 1,488 18,543 | 1,502 18,715 | 1,516 18,889 | 1,530 19,065 | 1,544 19,242 | |
| Hazardous waste | Landfill (Hazardous) | 6.441 | 6.546 | 6,660 | 6.706 | 6,702 | 6,683 | 6,656 | 6,621 | 6,592 | 6.567 | 6,518 | 6,472 | | 6,386 | 6,343 | 6.298 | 6,253 | 6,208 | 6,164 | 6,120 | |
| Hazardous waste | , | 0,441 | 0,340 | 0,000 | 0,700 | 0,702 | 0,003 | 0,000 | 0,021 | 0,592 | 0,307 | 0,316 | 0,472 | 0,430 | 0,300 | 0,343 | 0,290 | 0,233 | 0,200 | 0,104 | 0,120 | 0,070 |
| Hazardous waste | Thermal Treatment (energy recovery) | 360 | 366 | 372 | 375 | 374 | 373 | 372 | 370 | 368 | 367 | 364 | 362 | 359 | 357 | 354 | 352 | 349 | 347 | 344 | 342 | 339 |
| Hazardous waste | // | 300 | 300 | 312 | 3/3 | 3/4 | 3/3 | 312 | 370 | 300 | 307 | 304 | 302 | 309 | 337 | 304 | 302 | 349 | 347 | 344 | 342 | . 338 |
| Hazardous wasts | Thermal Treatment (without | 3,385 | 3,441 | 3,501 | 3,525 | 3,522 | 3,513 | 3,499 | 3,480 | 2 465 | 3,452 | 3,426 | 3,402 | 3,380 | 3,357 | 3,334 | 3,310 | 3,287 | 3,263 | 3,240 | 3,217 | 3,194 |
| Hazardous waste Hazardous waste | energy recovery) | 19,480 | 19,798 | 20,143 | 20,282 | 20,269 | 20,212 | 20,132 | 20,026 | 3,465 19,938 | 19,862 | 19,716 | | 19,447 | 19,316 | 19,186 | 19,049 | 18,913 | 18,778 | 18,644 | | |
| | Recycling (Hazardous) | | 6.208 | | | 6.356 | 6.338 | | 6.279 | | 6.228 | | | , , | 6.057 | | | | , | | | |
| Hazardous waste | Treatment plant | 6,108 | -, | 6,316 | 6,360 | -, | -, | 6,313 | -, - | 6,252 | -, - | 6,182 | 6,138 | , | -, | 6,016 | 5,973 | 5,930 | 5,888 | 5,846 | | |
| LACW (H) | Landfill (C+I and LACW) | 13,128 | 12,289 | 11,422 | 10,491 | 9,512 | 9,728 | 9,949 | 10,175 | 10,407 | 10,643 | 10,885 | 11,133 | 11,386 | 11,644 | 11,909 | 12,180 | 12,456 | 12,740 | 13,029 | 13,325 | 13,628 |
| LACIAL (LI) | Thermal Treatment (energy | 104 400 | 104 272 | 104 500 | 104 505 | 104 000 | 107.040 | 100 440 | 111 000 | 111 171 | 117.075 | 110 700 | 100 450 | 105 044 | 100.007 | 120 000 | 100.070 | 127.004 | 140 405 | 142 202 | 146 530 | 140.004 |
| LACW (H) | recovery) | 104,192 | 104,373 | | 104,595 | 104,632 | 107,010 | 109,442 | 111,930 | | 117,075 | | | | 128,087 | 130,999 | 133,976 | | 140,135 | 143,320 | | |
| LACW (H) | Recycling (LACW) | 42,219 | 46,611 | 51,181 | 55,934 | 60,877 | 62,261 | 63,676 | 65,123 | 66,603 | 68,117 | 69,665 | | , | 74,524 | 76,217 | 77,950 | 79,721 | 81,533 | 83,386 | | |
| LACW (H) | Composting | 14,346 | 14,565 | | 14,993 | 15,219 | 15,565 | 15,919 | 16,281 | 16,651 | 17,029 | 17,416 | | 18,217 | 18,631 | 19,054 | 19,487 | | 20,383 | 20,847 | | |
| LACW Secondary | Landfill (Hazardous) | 575 | 588 | 601 | 615 | 629 | 643 | 658 | 673 | 688 | 703 | 719 | 736 | 753 | 770 | 787 | 805 | 823 | 842 | 861 | 881 | _ |
| LACW Secondary | Recycling (LACW) | 26,982 | 27,596 | -, - | 28,864 | 29,520 | 30,191 | 30,878 | 31,579 | - , - | 33,031 | 33,782 | - , | , | 36,138 | 36,959 | - , | , | 39,537 | 40,436 | , | , , |
| LACW Secondary | Recycling (Metals) | 2,401 | 2,456 | 2,512 | 2,569 | 2,627 | 2,687 | 2,748 | 2,810 | 2,874 | 2,940 | 3,006 | 3,075 | 3,145 | 3,216 | 3,289 | 3,364 | 3,440 | 3,519 | 3,599 | 3,680 | 3,76 |