Release of Final Report Regarding the Israeli Governmental Actions Required in Preparation for the Expiration of the Dead Sea Concession Period

Further to the Company’s immediate report dated May 24, 2018 (Ref. No. 2018-02-051226) regarding the release of the interim report of the inter-ministry team headed by Mr. Yoel Naveh (former Chief Economist in the Ministry of Finance), which reviewed the Israeli governmental actions required in preparation for the expiration of the Dead Sea concession period in 2030 (the “Team”), the Company hereby reports that following a public hearing, the Israeli Ministry of Finance released the final report of the Team on January 21, 2019.

The Team’s final report includes a series of guidelines and recommendations regarding the actions that the government should take, and the Company estimates, that there were no material changes in comparison to the draft report, as published.

For convenience purposes the Company attaches herewith the final report, as published in Hebrew on the website of the Ministry of Finance, as well as an English convenience translation of the final report. The Team’s response to the remarks received in the public hearing, as published in Hebrew on the website of the Ministry of Finance, as well as an English convenience translation, will be uploaded to the Company’s website in the coming days.

Name of the authorized signatory on the report and name of authorized electronic reporter: Aya Landman
Position: Company Secretary
Signature Date: January 22, 2019

PRESS CONTACT
Maya Avishai
Head of Global External Communications
+972-3-6844477
Maya.Avishai@icl-group.com

INVESTOR RELATIONS CONTACT
Limor Gruber
Head of Investor Relations
+972-3-6844471
Limor.Gruber@icl-group.com
TEAM RESPECTING THE GOVERNMENT ACTIONS REQUIRED IN PREPARATION FOR CONCLUSION OF THE DEAD SEA CONCESSION PERIOD

FINAL REPORT
JANUARY 2019
Preface

The Team respecting “the government actions required in preparation of conclusion of the Dead Sea concession period” was established based on the conclusions of the Committee for Examination of the Government Take Received for Private Use of National Natural Resources (hereinafter: the “Sheshinski 2 Committee”). This, in light of the concerns that arose in the course of the Committee’s discussions, whereby the lack of certainty regarding the future of the Dead Sea concession following its expiration in 2030 makes it difficult to manage an effective investment policy from a long-term perspective.

The Dead Sea and its surroundings are natural resources belonging to public and held by the State in favor of the public under a “public trust”. The State must safeguard these natural resources and utilize them in a fashion that serves the public interest. Based on this starting point, the ultimate goal the Team has set itself when formulating its recommendations was to “maximize the economic value of the Dead Sea while incorporating social and environmental values”.

In order to achieve this ultimate goal, the Team examined a broad variety of data respecting the Dead Sea and the resource extraction activities carried out under the concession. The Team also reviewed in depth several alternatives of the manner of allocation of future rights in the Dead Sea. Based on its analysis of the entirety of such data and information, the Team has formulated its recommendations.

The Team’s recommendations are twofold: first, a series of guidelines, formed in light of the understanding of the unique circumstances relating to the Dead Sea concession; second, a series of recommended actions which that government should take in order to implement the said guidelines.

The Team recommends the establishment of several sub-teams that would perform an in-depth examination of the issues pursuant to this report, and act to execute the said actions which the government should take, as soon as possible, and as detailed below.

It should be noted that the Team’s recommendations are based, among other things, on the opinions of advisors Mr. Yarom Ariav (respecting “the Dead Sea concession – potential buyers’ analysis”) and Prof. Motti Perry (respecting “analysis of the competitive structure of economic activity in the Dead Sea and review of the optimal sale process”).

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1 Committee for Examination of the Government Take Received for Private Use of National Natural Resources, Conclusions of the Committee’s Report (2014), at pp. 14-15.
(A) **Material issues underlying the recommendations**

Over the course of the Team’s work several key data arose, having an impact on the Team’s recommendations as presented later on:

1. The resource extraction activity generates hundreds of millions of ILS in revenue for the State, lucrative jobs for thousands of workers at the plants, and employment for thousands more, serving as suppliers (directly and indirectly) of the plants.³

2. Alongside the great benefits, the activity also has negative impacts. According to ICL’s reports to the Ministry of Environmental Protection, in order to extract the resources, Dead Sea plants pump (on the Israeli side) in the last 5 years about 210-230 million cubic meters (net) a year from the northern basin of the Dead Sea (Pumping deducting the flow back to the northern basin at the origin of Nahal Arava).⁴ In so doing, the plants contribute to the decrease of the Dead Sea water level, which has numerous negative effects on the environment, in terms of injury to the landscape, the creation of sinkholes, the undermining of streams, and injury to nature reserves and infrastructures. Currently, the total deficit in the Dead Sea’s water balance amounts to about 700-800 million cubic meters per year, hence the pumping of water from the northern basin for purposes of the Dead Sea plants is not the main cause of the Dead Sea’s decreasing water level. Nonetheless, the more the sea level decreases, its salinity and density increase and the rate of evaporation declines, and thus the relative contribution of the plants’ water pumping to the decreasing water level is expected to rise and become more significant;⁵ in addition, in case projects designed to decelerate the water level decrease rate, such as the Two Seas Conveyance project, are carried out in the future, this may also cause the relative contribution of the plants to the water level decrease to grow.

3. The concession to extract resources from the Dead Sea (the “Concession”) was granted in 1961 to Dead Sea Works (“DSW”), which was, at the time, a government-owned company. The Concession was granted to DSW through a concession note, anchored in legislation under the Dead Sea Concession Law, 5721-1961 (the “Concession Law”). The Concession was extended through legislative amendment in 1986, and shall remain in effect until 2030. During the 1990s the Israeli government privatized Israel Chemicals Ltd., the parent company of DSW.

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³ As a general indication of the economic benefits stemming from the resource extraction activity, it may be recalled that according to ICL’s financial statement for 2017, the operating profit of the Potash and Magnesium segment for the said year amounted to $282 million, and that of the Industrial Products segment (mainly bromine and products thereof) amounted to $303 million. It would be clarified that these segments also include economic activity that does not derive from the extraction of resources from the Dead Sea (including operations outside Israel), and yet it can be assumed that the majority of the profit does indeed stem from the activity based on the Dead Sea. To that should be added the indirect benefits, stemming as aforesaid from the operation of the plants in terms of employments and salaries.

⁴ Thus, according to ICL’s financial statement for 2017 (p. 102) – in 2017 ICL pumped about 420 million cubic meters from the northern basin of the Dead Sea, and at the end of the process discharged about 270 million cubic meters back into the Sea, so the “net” pumping amounted to about 150 million cubic meters. Aa similar estimation was presented before the Team by the Water Authority (“net” pumping, in the years 2002-2013, ranging between 140 and 170 million cubic meters per year); this, while the Geological Survey of Israel presented before the Team a slightly higher estimation (pumping of about 350 million cubic meters and discharge of about 160 million cubic meters.

4. Two sections of the concession note in the Concession Law refer to the conclusion of the concession period:

Section 24 of the concession note provides that, upon conclusion of the concession period, all tangible and fixed assets belonging to the concession-holder shall become the property of the government. The government must pay the concession-holder, in consideration thereof, the depreciated replacement value thereof, as is on the conclusion date. It would be noted that, at this stage, the administrative work respecting determination of such payment has yet to be completed. Under the concession note, calculation of the value of the assets must also take into account the state of maintenance thereof by the concession-holder, so as to prevent a situation wherein the government is paying for assets which are physically dilapidated or unusable. In addition, a smooth transfer is to be arranged, vis-à-vis ICL, of the assets unto the entity replacing it in operation of the Concession (insofar as it is a different entity). Section 24 further provides that in the final ten years of the concession period (i.e., as of 2020), governmental approval is required for all investments whose lifespan extends beyond 2030; this, among other things, on the background of the said beginning of the Section, whereby the government must pay for the concession-holder’s assets transferred unto the government.

Section 25 of the concession note provides:

“In case that upon expiration of the concession the government seeks to offer a new concession for the extraction of minerals, resources and chemicals from the Dead Sea to any person other than the concession holder, the government shall first offer such new concession to concession-holder, under terms no less favorable than those it intends to offer to any such other person.”

Each of the alternatives examined below takes into account the manner of implementation of this Section. This, among other things, in light of the language of the Section and the purpose of the Law, and in light of the principle of equality governing administrative law, and the duties of the State as public trustee of natural resources.

5. Analysis of potential buyers to acquire the Dead Sea concession upon conclusion of the concession period indicates that there is a broad range of possible candidates. However, and for the sake of caution, the Team believes that one must also consider that the actual group of ‘natural’ candidates to make serious offers is in fact smaller, and includes chiefly international companies currently involved in the field of potash extraction.

6. A theoretical analysis of the alternatives for carrying out a bidding process indicates that ICL’s considerable information advantage in connection with the activity for extraction of resources from the Dead Sea, alongside the advantage stemming from the existence of downstream industries owned by ICL, may cause other offers to be extremely cautious, as companies would hesitate to make offers higher or even identical to that made by ICL. In an extreme scenario, this could cause the bidding process to fail, i.e. the absence of any serious offers.
7. Until 2030, and particularly during the final years prior to the conclusion of the Concession, ICL’s extraction activities will be carried out under a cloud of uncertainty regarding the future. In light of this, concerns rise that this would adversely affect the investments and proper maintenance of the Concession on ICL’s part, in a manner that would adversely affect both its own revenues and the State’s revenues from the Concession, and undermine the value of the future Concession. This concern is limited, though, since the concession note obliges the concession-holder to act with proper diligence in operating the Concession. This obligation is also indicated by the general law applying to concession-holders. The State’s right, by virtue of the special state share, to receive information from the concession-holder, among other things in order to oversee the efficient development and utilization of the minerals and natural resources, allows the State additional oversight over fulfilment of this obligation. In addition, insofar as the current concession-holder is interested in continuing its operations even after expiration of the Concession (under a new license), it also has little interest in undermining the assets.

Details respecting these issues are provided in Appendixes A-E of this document:

Appendix A presents background on the resource extraction activities in the Dead Sea, including: the historical background of the Concession, the resources extracted from the Dead Sea, and the environmental issues relating to the Concession and the region;

Appendix B presents an international review of models for the allocation of natural resources extraction rights;

Appendix C presents an analysis of the potential candidates for future extraction activity (other than ICL);

Appendix D presents a theoretical analysis of alternatives for implementation of a bidding process for granting the future extraction license;

Appendix E presents an analysis of the implications of uncertainty respecting the future of the Concession during the interim period until 2030.

Based on the discussion of the above issues, the Team has formulated its recommendations, as specified below:

(B) The Team’s recommendations: guidelines

8. The extraction of resources from the Dead Sea carries great and substantial benefits to the Israeli economy as a whole and to southern Israel in particular. In light of this, and subject to the government’s comprehensive policy respecting the Dead Sea, the Team recommends continuing extraction of resources from the Dead Sea. This, while taking measures designed to restrict the scope of the plants’ negative environmental impact, as specified later on.
9. The Team recommends continuing with the model wherein the extraction of resources from the Dead Sea is carried out by a private entity. This model places the extraction of resources in the hands of an entity exposed to incentives for managerial and business efficacy, while the taxation array – including royalties and taxation, including excess profits tax – yields the government revenues that grant the public an appropriate share in the profits generated from the natural resources. Moreover, the private sector has an inherent advantage in managing complex international businesses, as compared to the government. In spite of the aforesaid, and in light of the Team’s ultimate goal, it is necessary to prepare for the possibility that under certain circumstances the government would take upon itself the resource extraction activity, as will elaborated below.

10. The Team recommends the formulation of new conditions for the future activity of resource extraction from the Dead Sea (hereinafter: the “Future Extraction License”, “Future Operation License” or “Future Extraction Activity”). A sub-team established to formulate such new conditions shall examine the appropriate legal form for the Future Extraction Activity (i.e., through a concession, operation license, designated legislation or another form), subject to general laws. Also examined at this stage will be all legislative amendments, to the extent required, in order to regulate the Future Extraction Activity. The Future Extraction License would define, in a clear and detailed manner, the rights and obligations of the holder of extraction right, which will be an exclusive right to extract such resources, in accordance with the State’s position in connection with the natural resources. This, while relying in the knowledge and understanding accumulated over the years of Concession, and in light of the legal, economic, social and environmental developments that occurred since the drafting of the current Concession. among other things, it is recommended to limit the area in which the holder of the Future Extraction License will operate only to the areas actually necessary for operation of the plants, to limit the total amount of seawater pumped from the northern basin, to incentivize efficient use of the pumped water, to impose liability for the environmental damages caused by resource extraction activities on the holder of the Future Extraction License, to arrange the terms of sale of raw materials produced under the extraction license to Israeli consumers, etc., all in accordance with general law, including legislative amendments to the extent required. Details recommendations respecting the guidelines regarding the terms of the Future Extraction License are provided in Section (D) below.

11. The Team recommends that the Future Extraction License is granted through a bidding process. A bid is the optimal way to maximize the value of the natural resources for the State, as well as the proper way from the public and administrative perspective of managing the State’s assets in accordance with the principle of equality. The bid will be structured in such a manner so as to allow maximum competition and minimize information disparities. The bid will be subjected to the principles of tender laws, to administrative laws, to the Law for Promotion of Competition and Reduction of Concentration, 5774-2013 in terms of competition and in terms of overall-economic concentration (which applies also to the procedure for allocation of the future concession, in whichever way it is allocated), as well as to the other relevant laws.

12. In order to ensure that, upon conclusion of the bidding process, the Future Extraction License is given for a consideration that reflects its value, the Team recommends that before launching the bid the State determines a minimum price, which reflects a proper estimation of the value of the resources. This, among other things, also in reference to the value of the assets which the government must pay the current concession-holder under Section 24 of the concession note.
The Team recommends that in case no company offers a price that exceeds the minimum price determined by the State as the proper value of a license to extract resources from the Dead Sea, extraction activity will be passed on to operation by the State, through a legal entity established for such purpose. In order for this possibility to be viable upon conclusion of the current Concession and clear to all potential bidders in the bidding process, the basic structure of such governmental entity must be established (appointment of key officers, definition of the organizational structure, formulation of a work plan, etc.) sufficient time in advance, so that at the time of the bidding process such entity will be prepared to take upon itself that the extraction activity in case the minimum price is not received from any of the bidders. It should be emphasized that, without the mechanism for determining a minimum price and establishing a proper alternative, there is cause for concern that the State would not be able to obtain proper payment for the allocation of the extraction right. Hence, although it is the Team’s recommendation that the extraction of resources from the Dead Sea is conducted by a private entity, preparations must be made for the possibility of extraction of resources by a governmental entity. This, in order to ensure that, in any event, the rights to utilize a natural resource belonging to the public are not transferred without receiving a consideration reflecting its value.

The Team recommends taking action in order to reduce, and to the extent possible eliminate altogether, the current uncertainty respecting the future of the Dead Sea concession. The concession-holder is making investments amounting to hundreds of millions of shekels every year, many of these being long-term investments; the uncertainty surrounding the end of the concession period gives rise to concerns respecting the economic incentive of the concession-holder to make investments and forward-looking activities in general (e.g., preventive maintenance).

In light of the aforesaid, the Team recommends that the State takes action to reduce the uncertainty and to limit the concession-holder’s ability to act not in the interest of the Concession. For this purpose, it is recommended to establish a sub-team whose purpose would be to ensure that the concession-holder fulfills its obligation to act with proper diligence – an obligation provided in the concession note and stemming from the general law applying to concession-holders. Among other things, the State must also exercise, for such purpose, its rights by virtue of the special state share, which allow it to receive information from the concession-holder, for purposes of overseeing the efficient development and utilization of the minerals and natural resources. Action must also be taken to ensure the smooth transfer of the assets unto the new concession-holder (insofar it differs from the current concession-holder).

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6 See AdminApp 4011/05 Dagesh Foreign Trade (Shipping) Ltd. v. Ports Authority (Israel Ports Development and Assets Ltd.), para. 46 of the judgment of Hon. Justice Procaccia (published on Nevo, February 11, 2008): “…the holder of a concession is obligated to treat the operating right entrusted to him in faith toward the public; a corresponding duty applies to the public authority, to ensure that such obligation is fulfilled by the concession-holder.” See also: D. Barak-Erez, “Public Justice and Private Justice – Boundaries and Reciprocal Effects” Law and Government 5, 95, 115 (2000).

7 Article 8(b)(4) and Article 8(b)(8)(b) of ICL’s Articles of Association.
16. In addition, an attempt must be made to eliminate the uncertainty altogether, by bringing forward the conclusion of the concession period and launch of a bidding process for allocation of the Future Extraction License, based on an agreement with the current concession-holder. As part of implementing such a step compensation to ICL must be determined due to the remaining Concession years until 2030. It appears that the format of the bidding process should be similar to the format described above, including the determination of a minimum price and a mechanism that ensures such minimum price, e.g. through establishment of a governmental entity that shall take upon itself the extraction activity in case such price is not achieved through the bidding process. The advantages of this alternative for the State are: elimination of the uncertainty regarding the future of resource extraction already in the coming years, and bringing forward the implementation of improved extraction conditions; this, while the allocation of future extraction rights is done by way of a bidding process, and giving various players the opportunity to take part in such process. For ICL, there is a clear advantage in the elimination of the uncertainty, which hinders business activity, discourages potential investors and restricts commercial development.

17. As aforesaid, the State should persistently seek to bring forward the bidding process. To the extent that this is not possible, the State must revisit the alternatives available to it. At the same time, the State must prepare to closely supervise ICL’s activity in order to ensure that it is operating adequately to preserve and develop the natural resources. In case such supervisory measures are insufficient, further consideration would be required and other possibilities should be examined in order to ensure the public interest and safeguard the public’s natural resources.

18. In any event, it must be made certain that preparations are made to implement a bidding process for the allocation of the Future Extraction License toward the end of the current concession period (in 2030 or earlier), sufficient time in advance. This, among other things, in light of the lessons drawn in recent years in other cases wherein concession periods have come to an end. Prior to such bidding process a minimum price should be determined as aforesaid, and an effective mechanism should be put in place to ensure the achievement of such price at the least, such as transferring extraction activities to the management of the State.

(C) The Team’s recommendations: required government actions

In order to implement the principles and advance the preferred alternative as described above, the government must address, as soon as possible, several issues. These issues should be addressed by several sub-teams led by the Accountant General in the Ministry of Finance, in collaboration with the Budget Division and Legal Division in the Ministry of Finance, the Ministry of Environmental Protection, the Ministry of Justice, the Ministry of Economy, the Ministry of Energy and the Israel Tax Authority, in accordance with the issue and as necessary:

19. Drafting the Future Extraction License – based on the guidelines specified herein, and in consideration of the appropriate legal means for such purpose.

20. Planning the bidding process – in order to allocate the concession through a bid, it is necessary to formulate the most effective competitive process, which acts to minimize ICL’s information advantage. Within this framework, a detailed legal opinion must be prepared in support of the bidding process, according to the principles of tender laws, as well as other relevant laws, including international aspects.
21. **Determining the minimum price** – in order to ensure receiving a proper price for the allocation of natural resource extraction rights, a minimum price must be set to ensure that such rights are not given to a private company for a price that does not reflect the value of the resources. This, among other things, while referring to the value of the assets which the government must pay the current concession-holder as provided in Section 24 of the concession note.

22. **Preparation for operation of extraction activities by the State, in order to ensure an alternative in case the minimum price is not offered** – the Team recommends that in case no bidder offers the minimum price, extraction activity will be transferred to operation by State, through a legal entity established for such purpose. The Team recommends to establish a skeleton of such governmental entity (including appointment of key officers, definition of the corporation’s structure, formulation of a work plan, etc.) sufficient time in advance, so that at the time of the bidding process such entity will be prepared to take upon itself the extraction activity, and constitute a proper alternative in case the minimum price is not received from any other party. It should be emphasized that, although it is the Team’s recommendation that the extraction of resources is conducted by a private entity, preparations must be made also for the possibility of a governmental entity carrying out such activity, in order to ensure that the rights to the natural resources are not transferred to a private company without receiving a consideration reflecting their value.

23. **Bringing forward the bidding process and eliminating the uncertainty regarding the future of resource extraction from the Dead Sea** – the Team recommends considering the alternatives for arrangement of the future of resource extraction already in the next few years. The preferred alternative in this context is, as aforesaid, bringing forward the conclusion of the concession period and launching a bidding process for allocation of future extraction rights, based on an agreement with ICL. This would require resolving complex issues vis-à-vis ICL, including the value of the tangible assets referred to in Section 24 of the current concession note. In order to examine and resolve these matters the Team recommends establishing a sub-team to communicate with ICL and examine the feasibility of this alternative, and formulate all details of the mechanism for implementation thereof.

24. **Establishment of the mechanism for approval of investments in the final ten years of the concession period and oversight of ICL’s activity, in order to ensure that it is operating adequately to preserve and develop the natural resources**. In case it turns out that bringing forward the bidding process is not possible. The alternatives must be revisited. In such a case, a mechanism must be established for the years remaining until 2030, in light of ICL’s obligation to obtain government approvals for new investments under Section 24 of the concession note. This mechanism, alongside other mechanisms formulated by the sub-team, would allow the State to ascertain that ICL is fulfilling its obligations and ensuring proper maintenance and efficient utilization of the resources until such the expiration of the Concession. Approval for investment is actually required only as of 2020, but preparations must commence sufficient time in advance including the forming of clear procedures and criteria for approval of investments, and addressing the issue of maintenance.

**The Team’s recommendations: key issues in the Future Resource Extraction License**
The Team recommends that, as part of the regulation of rights for Future Resource Extraction, the following key issues are resolved. It would be emphasized that the following is not an exhaustive list of the issues that must be addressed within the drafting of the Future Operation License, and that these recommendations do not restrict those engaging in formulating the conditions of Future Extraction Activities, who would be authorized to discuss all the matters arising.

As aforesaid, as part of the formulation of such new conditions, examination will be made of the most suitable legal form for the regulation of the Future Extraction Activity under the unique circumstances of the natural resources in the Dead Sea. Such regulations may be through a concession, an operation or extraction license, designated legislation or another form. Such Future Activity will be performed subject to general laws, alongside examination of legislative amendments, to the extent required, in accordance with the conditions provided in the Extraction License and the rights allocated.

I. Allocation of the rights to extract resources as a whole. In light of the advantages stemming from the existence of synergies in the extraction of the various resources, and the ability to perform optimization between various stages of the production process (management of the ponds and production plants), the Team’s recommendation is to grant a single license for the extraction of all resources from the Dead Sea (excluding a defined list of resources excluded from it, as described below), while such license would grant the license-holders an exclusive right to extract such resources. Breaking down the rights into separate segments is expected to decrease the total value of the resource, and thus should be avoided.

II. Area of operations. When granting the new extraction rights, it is necessary to examine the area of operations and limit is so as to include only areas which are in fact required for the plants’ operation, while setting limits on the use of land; in particular, it is necessary to exclude from the Future Extraction License any rights relating to areas included in the current concession and used for other purposes, such as settlements, business activity unrelated to the plants (e.g. tourist activities or activities for the extraction of materials used in the cosmetics industry), as well as areas with unique environmental value. At the same time, the recommends leaving the responsibility for drainage and the prevention of flood damages in the hands of the future extraction rights-holder, in light of the great value of the assets vis-à-vis the palpable danger of floods in the region; transferring responsibility in this matter to an external entity, which is incapable of performing the cost-effectiveness analyses in terms of investing in flood prevention measures as compared to the potential damage to the plants, may undermine the value of the assets. Therefore, the Extraction License must also regulate the areas in which facilities and infrastructures designed to drain and prevent flood damages are located (as well as areas which are expected to be required for the construction of such facilities in the future). It is necessary to ascertain that all drainage activities are performed in full coordination with all relevant entities.

It would be clarified that areas used (or which may be used in the future) for the extraction of streambed materials or groundwater drilling do not constitute, in and of themselves, areas required for the purpose of resource extraction activity. It is therefore recommended not to include any rights to such areas in the Future Extraction License. To the extent that raw materials and the extraction of groundwater are required, these will be regulated by general laws.
III. **Mount Sodom.** Mount Sodom, which is included in the area of the current Concession, contains mineral deposits that may potentially be mined for potash. To date, this possibility has not been utilized, in light of the lack of economic feasibility. In light of the unique environmental value of this locale, it is suggested not to include the rights to extract minerals from Mount Sodom in the Future Extraction License. To the extent that economic feasibility exists in the future with respect to resource extraction at the site, the promotion of resource extraction there can be considered in the future in accordance with general laws, including planning and building laws.

IV. **Restriction of the total quantity of water pumped (net) from the northern basin.** The pumping of water from the northern basin is one of the causes, though currently not the main cause, for the decreasing water levels in the Dead Sea. Hence, it is suggested that as part of the regulation of conditions for Future Extraction Activity, and in accordance with water laws, a maximum is set for the net annual pumped quantity. The purpose of such maximum is to reflect a balance between the great economic value found in the continued operation of the plants, and the desire to limit the scope of their adverse environmental impact. On April 14, 2018 a government resolution was passed for addressing the Dead Sea region, wherein it was decided, among other things, to establish an inter-ministry team to formulate the government’s long-term policy respecting the future of the region, including in connection with the water level in the northern basin.8 Thus, setting a maximum for the total quantity pumped as part of the Future Extraction License must be in coordination with the government’s policy respecting the Dead Sea region in general.9

It is recommended to determine this maximum in reference to the pumping average over several years (3-5), in order to allow a certain measure of operational flexibility on the single year level (that is, the ability to pump beyond the maximum in a given year while “compensating” by pumping less than the maximum in the following years).

V. **Mechanism incentivizing efficient use of water.** In addition to setting a maximum limit on the total quantity pumped annual, the Team recommends establishing an economic incentive encouraging the future extractor for efficient use of the pumped water, thus reflecting the effects of pumping of water from the northern basin and its contribution to decreasing its water level and the harm to the environment. This, in accordance with water laws and in coordination with the governmental Water and Sewage Authority (the “Water Authority”). For this purpose, it must be ascertained that the Future Extraction License includes regulations of the extractor’s duty to provide detailed reports regarding the water quantities pumped from and discharged back the Dead Sea. It would be emphasized that the purpose of such incentive is not to increase the State’s revenues.

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8 Government Resolution no. 3742, “Aid to Settlements and Municipalities in the Dead Sea Region in Coping with the Damages of Sinkholes and Amendment of Government Resolution”, Section 6.
9 As a rule, it is proposed that the maximal level is based on the average scope of pumping in recent years, since the completion of construction of the buffer in the northern bank of pond no. 5 and until the time of formulation of this document, in a manner that would allow continuation of extraction at the current levels.
VI. **Implementation of the harvest project.** It is recommended that the Future Extraction License clearly and explicitly defines the issue of the extractor’s responsibility for the implementation of the harvest project throughout the entire period of its operation. This issue has heretofore been regulated under Government Resolution no. 4060, under the agreement entered by the government and DSW and also in national infrastructure plan NIP 35A. It is necessary to ensure that the salt harvest issue finds expression in the Future Extraction License – while detailing the undertakings and responsibility of the license-holder, as well as the reliefs and sanctions available to the State in case the extractor violates its undertakings. It would be emphasized that this section refers to all stages of the project – from the harvesting of salt from the evaporation ponds and until the sedimentation of the salt in the northern basin of the Dead Sea.

VII. **Setting a minimum level for the height and depth of the ponds.** In light of the fact that pond no. 5 is the foundation of the hotel compound in the southern basin of the Dead Sea – it is suggested to examine, subject to planning and building laws and to planning proceedings, the inclusion of a minimum level for the height and depth of the ponds within the Future Extraction License, in order to safeguard the touristic activities at the compound. It is recommended to determine that deviation from the set minimum constitutes a substantial breach of the terms of the Future Extraction License.

VIII. **Regulation of the plants’ use of groundwater.** The Dead Sea plants use a large quantity of groundwater pumped within the area of the current Concession. As part of the allocation of future extraction rights this issue must be clarified in a clear manner including all aspects thereof, in accordance with the Water Law and generals laws. First, as aforesaid, areas used for groundwater drilling will not be considered, in and of themselves, areas required for the purpose of resource extraction, and shall therefore not be included in the framework of the Future Extraction License. Second, such drilling must be subjected to the water laws applicable throughout the country in connection with water drillings serving a water source for industrial activity, including the imposition of a water extraction fee. Third, as the Future Extraction License is expected, as aforesaid, not to include water drilling areas, and also in consideration of the fact that water in the existing drillings may be exhausted in the future, thus requiring water supply from other sources, it is necessary to consider how to prepare for such an eventuality.

IX. **Application of planning laws and environmental protection laws.** For the removal of all doubt it would be emphasized the activity for the extraction of resources from the Dead Sea is similar to all other industrial activities, and the Future Extraction License must ensure that such activity is subjected to all laws, including the planning and building laws and environmental protection laws.
X. **Prevention of future environmental hazards and examining the possibility of addressing existing hazards.** The area of the Concession currently contains various waste and pollution hazards. A prominent example is the “salt mountain” – a salt waste pile currently covering an area of 400,000 square meters and rising to the height of 24 meters. As part of the allocation of future extraction rights it is proposed to clearly define the responsibility of the new extraction rights-holder with respect to all environmental hazards caused within the scope of its responsibility, including the responsibility to remove, to rectify and to restore hazards, without derogating from the provisions of any law. It is recommended to consider, as part of the preparation of the Future Extraction License, the reliefs and sanctions available to the State in case of violation of these undertakings, in addition to the powers given to the State by virtue of environmental and other laws.

With respect to the existing environmental hazards, the Ministry of Environmental Protection should lead a comprehensive examination, from an inclusive governmental perspective, toward the end of the concession period, of regulatory obligations to restore unaddressed past hazards by the current concession-holder. This, in order to prevent a situation wherein the Concession is transferred to an alternative concession-holder or to the State with hazards, which law requires be addressed by the current concession-holder, in a manner that may undermine the value of the future resource.

In case it is discovered the Concession area contains hazards which, according to such examination, the current concession-holder is not liable to address, it is suggested to consider whether the addressing thereof can be advanced within the framework of allocation of the future extraction rights, while it stands to reason that any cost imposed on the new concession-holder in this context would be reduced from the value of the extraction rights as expressed in the bid made in the bidding process.

XI. **Examination of rights to extract materials for the cosmetics industry.** The current Concession refers to all resources in the area defined in the concession note, excluding a list of resources explicitly excluded therefrom (such as oil and gold). When allocating the Future Extraction License, it is necessary to consider whether there are other resources that should be extracted from it – particularly, materials extracted for purposes of the cosmetics industry. First, it should be considered whether there is cause to exclude the rights in the materials used in the cosmetics industry from the extraction rights, as part of the reduction of the extraction area so as to include only the areas actually used by the plants, as discussed above. In case it turns out that there is no such possibility (i.e., that the areas used for the cosmetics industry are the same ones used by Dead Sea plants), it would be necessary to consider excluding the materials used in this industry from the extraction rights, as they do not pertain to the core of the of the resource extraction activity – and granting the rights in such materials to the holder of future extraction rights could undermine both the possibility of such industry’s development and the ability to properly regulate it. It would be clarified that in case such minerals are excluded from the purview of the Extraction License as aforesaid, the extraction thereof would be regulated according to the Planning and Building Law and the Mines Ordinance. In addition, procedures must be made clear with respect to coordination of activities within the extraction area between the holder of extraction rights and other users.
XII. Duration of the Future Extraction License. When drafting the Future Extraction License it would be necessary to define its duration; the Team’s recommendation is that such License is granted for a period of 30-40 years, while the exact duration is to be determined by the sub-team. The resource extraction activity is a high-investment activity, with some of these investments being long-term investments spanning numerous decades; for example, certain assets, and particularly dikes and ponds, are depreciated according to a lifespan of 40 years. Moreover, these investments are required continuously throughout the entire period of the License – that is, they are not concentrated solely in the beginning thereof. As these are costly investments, they also require a lengthy return period. Therefore, the duration of the Future License should be long enough so as to allow the entrepreneur to make such investments with the certainty of being able to reap their fruits. Furthermore, the years preceding the expiration of the extraction rights are characterized by structural difficulties relating to the incentives to take forward-looking actions, in manner that also undermines the value of the resources, and it is therefore advisable to minimize the frequency of such periods. In light of all of the foregoing, its proposed to determine, as aforesaid, the allocation of extraction rights for a period of approximately 30-40 years, which would afford the right-holder certainty for a sufficient period so as to maximize the value of the Concession.

Notwithstanding, substantial terms – especially in environmental aspects – must be explicitly defined, the violation thereof on the part of the Future Extraction License holder or a drastic change therein could entail clear reliefs, and in extreme cases, revocation of the License and return thereof unto the State.

XIII. Setting a minimum level of potash production. The purpose of this condition is twofold – first to ensure that in case of a substantial and continuous managerial-operational failure on the part of the new extraction right holder, expressed in a substantial decline in production capacity, the State will have the means to demand the return such rights to its own hands. Second, to limit the injury caused to the State’s revenues by such conduct of a license-holer that constitutes a decrease in production due to cartelistic considerations of supporting higher global potash prices. In general, the position of the Team is that the likelihood of such considerations having a material effect is limited, in light of the low production costs of potash in the Dead Sea; thus, the Team’s position is that there is no reason to disqualify certain companies from taking part in the bidding process on the background of such concerns. However, for the sake of caution, in order to ensure that even if such a situation arises, the injury to State revenues remains limited – it is proposed, as aforesaid, to set a minimum for the production of potash. It is suggested to set such minimum at a level lower that the current rate of production, in order to allow for operational flexibility, and for the ability to adjust the scope of extraction even in case of a decline in potash prices. In extreme cases, further decrease of such minimal level should also be permitted, with the approval of the Minister of finance.

XIV. Sale of raw materials to domestic consumers. It is recommended, as part of the future allocation of rights, to regulate the terms of sale of the extracted raw materials to consumers in Israel. This, in order to serve the Israeli economy and also to establish a framework that would allow certainty respecting the continued operation of ICL’s downstream plants also in the event that future extraction rights are awarded to another company.

10 See ICL’s financial statement for 2017, Note 3D(3).
XV. **Modification of the royalty structure.** According to the current Concession, the Dead Sea plants pay royalties both for the raw materials extracted from the Dead Sea and for downstream products produced based on such raw materials. The experience accumulated in the course of the current concession period indicates that the collection of royalties and manner of calculation thereof with respect to downstream products is complex, and tends to become a point of friction between the State and the concession-holder – an issue illustrated by the arbitration process in this matter which has been going on for several years. Thus, it is proposed to consider the possibility of applying a simpler mechanism, while preserving the same overall level of State revenues (the “Government Take”). The royalties should be imposed, as far as possible, without any deductible reductions other than the international shipping component.

XVI. **Regulation of the conclusion of the license period.** Generally speaking, it is not necessary to provide any compensation of payment to a concession-holder upon conclusion of the license period; however, as it is in the State’s interest to reduce as much as possible the adverse implications of the uncertainty toward the end of the concession period, it is advisable to consider a compensation mechanism that may aid in achieving such goal. It is inherently difficult to determine in advance a mechanism whose actual implementation would only be carried out several decades into the future, and such a determination might also cause unforeseen difficulties for the State. It is therefore suggested to allow the State flexibility to determine the details of such future mechanism closer to the end of such period – for instance, 10-15 years prior to its conclusion.

XVII. **Duty to report economic and engineering data and extraordinary events to the government.** It is recommended to include in the future extraction conditions reporting duties that would require the resource extractor to report to the government about economic, financial and engineering data pertaining to the Extraction Activity and related activity, inclusive of fixed periodic reports and reports provided in response to specific requests made by the government. Such data would allow the government to closely supervise the Extraction Activity, and facilitate the preparation of the bidding process respecting future periods. Particular emphasis is given to the duty to report the scope of water pumping from the northern basin and the scope of water discharged back into the Sea upon completion of the extraction process. Another physical datum that should be considered is a constant and routine monitoring regarding the physical condition of the dikes delineating the evaporation ponds (and the level of leaks occurring through them).

XVIII. **Government actions required respecting the Dead Sea Concession and the international obligations of the State of Israel.** The activity for extraction of resources from the Dead Sea is an economic activity having diverse international aspects. On this background, as part of the planning and implementation of all governmental actions in this matter, special attention must be given to the relevant obligations of the State of Israel on the international level, including its obligations in the field of international economic law.
Appendix: ICL Data Concerning Pumping and Return to/from the Northern Basin of the Dead Sea

According to ICL’s reports to the Ministry of Environmental Protection, over the last 5 years, the plants have pumped about 375-420 million cubic meters a year from the northern basin of the Dead Sea, and return thereto upon completion of the extraction process about 160-200 million cubic meters through the Arava stream estuary, and thus net pumping amounts to about 210-230 million cubic meters a year; this, after completion (of most) of the buffer project in the northern bank of pond 5, designed to decrease the seepage of water from the pond. The project has decreased the seepage of water; however, according to DSW’s estimates there still remains a seepage level of about 70 million cubic meters a year from the evaporation ponds. The pumping and return data are presented in the following table.

### Data of ICL’s Pumping and Return from/to the Northern Basin of the Dead Sea, 2007-2017

<table>
<thead>
<tr>
<th>Year</th>
<th>Pumping</th>
<th>Return at Arava stream estuary (excl. the bromine plant)</th>
<th>Return at Arava stream estuary – the bromine plant alone</th>
<th>Return - total discharge at Arava stream estuary (excl. seepage estimates and calculations)</th>
<th>Net pumping (pumping minus returns at Arava stream estuary)</th>
<th>Scope of seepage reported by DSW (solely based on estimates aided by hydrological models)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>m³ million</td>
<td>m³ million</td>
<td>m³ million</td>
<td>m³ million</td>
<td>m³ million</td>
<td>m³ million</td>
</tr>
<tr>
<td>2017</td>
<td>421.3</td>
<td>168.0</td>
<td>24.6</td>
<td>192.6</td>
<td>228.7</td>
<td>75.3</td>
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<tr>
<td>2016</td>
<td>419.7</td>
<td>175.5</td>
<td>23.0</td>
<td>198.5</td>
<td>212.2</td>
<td>66.8</td>
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<td>2015</td>
<td>374.5</td>
<td>144.2</td>
<td>17.7</td>
<td>161.9</td>
<td>212.6</td>
<td>68.2</td>
</tr>
<tr>
<td>2014</td>
<td>377.2</td>
<td>138.1</td>
<td>22.39</td>
<td>160.5</td>
<td>216.7</td>
<td>62.0</td>
</tr>
<tr>
<td>2013</td>
<td>412.9</td>
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<td>21.84</td>
<td>184.3</td>
<td>228.6</td>
<td>72.0</td>
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<td>2012</td>
<td>461.0</td>
<td>145.3</td>
<td>22.52</td>
<td>167.8</td>
<td>293.2</td>
<td>129.5</td>
</tr>
<tr>
<td>2011</td>
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<td>134.8</td>
<td>25.76</td>
<td>160.6</td>
<td>287.5</td>
<td>142.4</td>
</tr>
<tr>
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<td>160.9</td>
<td>23.09</td>
<td>184.0</td>
<td>235.5</td>
<td>100.0</td>
</tr>
<tr>
<td>2009</td>
<td>406.4</td>
<td>149.4</td>
<td>17.7</td>
<td>167.1</td>
<td>239.3</td>
<td>104.6</td>
</tr>
<tr>
<td>2008</td>
<td>379.0</td>
<td>193.9</td>
<td>21.54</td>
<td>215.4</td>
<td>163.6</td>
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</tr>
<tr>
<td>2007</td>
<td>362.9</td>
<td>167.6</td>
<td>22.71</td>
<td>190.3</td>
<td>172.6</td>
<td>69.9</td>
</tr>
</tbody>
</table>

Source: ICL’s reports to the Ministry of Environmental Protection
Team’s Response to Remarks Received within the Public Hearing

This document summarizes the key remarks received in the course of the public hearing (orally and in writing), and the Team’s responses thereto. All materials received in the hearing are presented to the public at the Team’s website.

Remarks received from the Movement for Quality Government in Israel:

- The Team must address in its recommendations the existence claims regarding alleged breach of the terms of the Special State Share by ICL, which may lead the State to the conclusion that ICL is not fit to operate the future concession; the Team must recommend the appointment of a professional entity to examine such claims and discuss their repercussions.
- Furthermore, the Team must address, as a matter of principle, the actual use of the Special State Share mechanism for purposes of protecting the State’s interests.

Team’s response:

As for the claims regarding alleged breach of the terms of the Special State Share by ICL, discussion of such claims was not part of the mandate given to the Team and it did not discuss them. The Team has recommended the establishment of future teams, and the team tasked with discussing the terms for allocation of the concession will decide whether such claims need to be discussed, as well as their repercussions.

As a matter of principle, one must make a distinction between the Special State Share provided in the articles of association of Israel Chemicals (hereinafter: “ICL”), that anchor the State’s rights respecting the Company’s conduct for purposes of safeguarding vital interests of the State, and the Dead Sea concession note – which prescribes the rights and obligations included in the concession and defines the terms of activity in the concession itself, regardless of the identity of the concession-holder. The Team dealt with the manner of allocation of the future concession and outlines of the terms of such concession, but is not the appropriate forum for discussing the question of whether ICL has violated the terms of the Special State Share. The Team’s report refers to the Special State Share only in the context where it directly relates to its recommendations – i.e. as a means available to the State in overseeing the fulfilment of the current concession-holder’s obligation to act for the efficient development and utilization of the Dead Sea resources in the years until conclusion of the current concession.

The Team’s report recommends the formation of new terms for future extraction activities in the Dead Sea within the framework of a future operation license (which would replace the current concession note), that would define in a detailed and clear manner the rights and obligations of the holder of extraction rights; within this framework, terms would be provided to ensure the State’s interests in this matter. The report also specifies a series of recommendations in key matters which, in the Team’s view, should be arranged within the framework of the license. Hence, the future operation license is the means for regulating the manner of proper conduct in Dead Sea resource extraction activities. It would be emphasized that, according to the Team’s recommendation, the future extraction license would be allocated by way of a bidding process, in a manner whereby the entity given it may be a company other than ICL – and in such case, clearly the Special State Share in ICL would no longer be relevant for purposes of safeguarding the State’s interests.
Remarks received from the “Lobby 99” organization:

- Self-operation of the concession by the State, whose essence is to ensure that the concession is not granted through a bidding process in return for a price that does not reflect its proper value, would not be considered a reasonable threat, in light of the challenges involved in managing a governmental company in the field of infrastructures, including the direct employment of all employees in such company. Therefore, receiving a proper price in the bid for allocation of the future concession could not be ensured in this manner.

- Experience shows that the method of concession for the extraction of resources from the Dead Sea by a private concession-holder has not proved itself, as the concessionaire acted solely for the maximization of its profits, at the expense of safeguarding the public interest. Thus, it would be appropriate to retain control over Dead Sea extraction activities in the hands of the government – through establishing a company (governmental or under special legislation) that would operate extraction activities via an operator or operators from the private sector, who would be paid for carrying out such activities (without allocating a concession).

Team’s response:

The Team’s position is that the most effective tool for ensuring the implementation of a policy that safeguards the public interest is the setting of clear terms in the future operation license, and defining remedies and sanctions which may be exercised by the State in case such terms are violated. The identity of the concession-holder as a means for safeguarding the public interest may both blur the need to determine clear terms for extraction activities, and hinder the implementation of sanctions in case the terms are breached. It would also be noted in this context that the report recommends the drafting of a new operation license, which would define in a detailed and clear manner the rights and obligations of the holder of extraction rights, based on the knowledge and insights accumulated over the years of the concession, and in light of the legal, economic, social and environmental developments that occurred since the drafting of the current concession, in the early 1960s.

As clarified in the report, it is the Team’s position that operation of extraction activities by a private entity is preferable to its operation by a governmental entity, albeit aided by private subcontractors. This, in light of the inherent advantages of a private company, that is exposed to incentives to business and managerial efficacy, in the management of intricate international business, and as in any event the taxation and royalty array provides the government with incomes that grant the public a proper share of the profits arising from the natural resources. Nonetheless, there is no doubt that the government also has the possibility to take into its own hands the Dead Sea resource extraction operation, to the extent it is required to do so. Hence, contrary to that argued, such a possibility may certainly be a reasonable alternative to management of the concession by a private concessionaire, insofar as no offers are made, within the bidding process, which reflect the value of the resource. It would be noted that the report does not define the organizational structure of such governmental entity, and particularly the extent of its reliance on direct employment or external contractors, and this matter is to be considered at the time of establishment of the skeleton governmental entity.

Remarks received from the Haifa Chemicals:

- The report must recommend the prioritization, regarding supply and terms of engagement, by the concession-holder, of customers in Israel over international customers.

- The Team’s report must recommend that, insofar as the recommendation regarding bringing forward the conclusion date of the concession is implemented, the current framework regarding the sale of
raw materials from Dead Sea Works to Haifa Chemicals until 2029 shall remain intact, pursuant to the arbitration award given in this matter.

Team’s response:

The Team’s report recommends arranging, within the framework of allocation of future extraction rights, the terms for the sale of raw materials produced in the Dead Sea to consumers in Israel, in order to serve Israeli economy and also in order to establish a framework that would provide certainty regarding the continued operation of ICL’s downstream plants even in case future extraction rights are awarded to another company. Formulation of the details regarding the manner of arrangement of this issue would be carried out as part of the drafting of the future extraction license, while taking into account the entirety of relevant consideration, first and foremost the best interest of Israeli economy.

As for the arrangement implemented following the arbitration award, any measures taken in the context of bringing forward the conclusion of the concession will be carried out according to any law; the Team is not the appropriate forum for examining the manner of implementation of the arbitration award under circumstances in which conclusion of the concession is brought forward.

Remarks received from the Tamar Regional Council:

- The report must recommend, within the terms of the concession, the arrangement of a variety of issues, including: reduction of the concession area, elimination of the reference that exists in the current concession to different land types (leased and reserves), elimination of the reference that exists in the current concession to public works, establishment of a supervisory mechanism relating to the quantities of water pumped from and returned to the Dead Sea, safeguarding the touristic and settlement activity at the shores of the Dead Sea, subjection of the concession-holder to any law, and particularly planning and building laws and environmental laws (while cancelling the designated chapter in the Planning and Building Law that refers to the Dead Sea concession and cancellation of the exclusions given under the Business Licensing Law), reduction, unification and underground placement of infrastructures, ensuring the safety and security of residents in the concession area and employees in the plants.

- The report must recommend the foundation of a fund administered by the Ministry of Finance, Ministry of Environmental Protection, Tamar Regional Council and the concession-holder, that shall act for compensation and restoration of the Dead Sea and address the harms of receding water levels and environmental hazards caused by the human intervention in nature.

Team’s response:

The report recommends that, upon granting of new extraction rights, the area of operation should be reviewed and reduced so as to include only areas truly necessary for the operation of the plants, while setting land use restrictions; in particular, the report recommends to remove from the future extraction license any rights relating to areas included in the current concession and used for other purposes, such as settlements, agriculture, business activity unrelated to the plants (e.g. tourism or extraction of materials for the cosmetics industry), as well as areas having unique environmental value. The report also clarifies that the Dead Sea resource extraction activity is similar to all other industrial activities, and thus the future extraction license must ensure that it is subject to all laws, including planning and building laws and environmental laws, and also recommends defining clear reporting duties of the extraction rights-holder, as pertains, among other things, to pumping water from the northern basin. The report further recommends a detailed definition, within the future extraction license, of the duties of the extraction rights-holder respecting implementation of the salt harvest plan, which is designed to ensure the continuation of tourism activities in the region. Formulation of the details regarding the manner of arrangement of such issues and others will be carried out as part of the formulation of the terms of the future extraction license.
The issue of establishing the proposed fund exceeds the Team’s purview, as it is not related to the manner of allocation of the concession or the terms thereof, but rather to the use of the State’s revenues from such concession. It would be noted that on April 15, 2018, a government resolution was passed regarding dealing with the Dead Sea region (Government Resolution no. 3742 – “Aid to Settlements and Municipalities in the Dead Sea Region in Dealing with Sinkhole Damages”), wherein it was resolved, among other things, to establish an inter-ministry team to formulate the government’s long term policy regarding the future of the region, including the issue of the northern basin’s water level. It would seem that this team would be the proper forum for discussing such proposal.

**Remark received from the Dead Sea Drainage Authority:**

- In all matters pertaining to drainage works and prevention of flood damages, the report must recommend a clear definition of the boundaries of responsibility of the Dead Sea Drainage Authority and the State, in light of the expected reduction of the future concession area.

**Team’s response:**

The report recommends keeping responsibility for drainage and prevention of flood damages in the hands of future extraction rights-holder, in light of the great value of the assets vis-à-vis the tangible risk of floods in the region. According to information presented to the Team, international insurance providers currently require the current concession-holder to execute a stricter investment policy regarding flood prevention infrastructures than that required of Israeli drainage authorities by law; for this reason as well, it would see appropriate to leave responsibility in this matter in the hands of the extraction rights-holder. Thus, it is proposed to arrange, within the extraction license, the areas where drainage and flood damage prevention facilities are located, as well as areas which are expected to be required for such facilities in the future, while the areas allocated for purposes of flood prevention and extraction activity areas may not entirely overlap. Furthermore the report recommends ensuring that all drainage activities on behalf of the extraction rights-holder are carried out in full coordination with all relevant bodies. Formulation of the details regarding arrangement of this matter will be carried out as part of the drafting of the future extraction license.

**Remarks received from Adam, Teva V’Din (“ATD”):**

- **Remark (ATD):** The report lacks reference to the different alternatives for restricting the volume of pumping, including review of the alternative of cessation of pumping; in particular, the proposed restriction which adopts the current pumping volume is unacceptable, in light of its contribution to the Dead Sea’s receding water levels. Furthermore, there is a significant difference between the estimated annual pumping volume presented in the report (150-200 million cubic meters a year) and data previously presented on behalf of the Ministry of Environmental Protection (229-314 million cubic meters a year).

**Team’s response:** The Team’s position is that the weighing of all relevant data, while considering the great economic benefits deriving from Dead Sea resource extraction activities, particularly in aspects of contribution to employment, to wages and to State revenues, indicates that such activity should continue. At the same time, the Team’s report recommends setting a maximum for total annual pumping (net) from the northern basin, whose purpose is to reflect a balance between the great economic value deriving from the continued operation of the plants, and the desire to limit the scope of their negative environmental impact. In that context, the report notes the government resolution dated April 15, 2018, regarding dealing with the Dead Sea region (Government Resolution no. 3742), wherein it was resolved, among other things, to establish an inter-ministry team to formulate the government’s long term policy regarding the future of the region, including the issue of the northern basin’s water level; it also clarifies that the
maximal threshold for pumping in the future operation license should be in line with government policy regarding the Dead Sea region as a whole. Footnote 9 at p. 10 of the Team’s Interim Report noted that the Team’s position is that the current pumping volume (following completion of the buffer in the northern bank of Pond no. 5) could be a proper balance in this context; however, determination of the maximum would be made as part of work on drafting the future extraction license, and be subject to government policy in this matter. In order to avoid ambiguity in this matter, it was decided to remove the said footnote from the Final Report.

As for pumping volume data, updated figures in this matter are presented in the Final Report.

- **Remark (ATD):** The report must recommend the formulation of a plan that would completely prevented the decrease of water levels in the northern basin deriving from extraction activities; in the absence of such plan – the extraction license-holder must bear the costs of restoration proportionate to its share in the decrease of water levels.

  **Team’s response:** The Team’s position is, as aforesaid, that Dead Sea resource extraction activities, which involve the pumping of water from the northern basin, should continue. In parallel, the report recommends that, upon drafting the terms of the future extraction license, an economic incentive is provided to incentivize the future extractor to make efficient use of the pumped water, and reflect the effects of pumping water from the northern basin and its contribution to the receding water levels thereof and the injury to the environment, all subject to water laws and in coordination with the Water Authority. The details of this mechanism will be determined as part of the drafting of the new license,

- **Remark (ATD):** The report must recommend that, as part of the bidding process, an option would be given to acquire the license at a “discounted” price, in return for taking actions for the restoration of the Dead Sea region at the expense of the new license-holder.

  **Team’s response:** The proposed bidding process will clearly define all requirements from the candidates and the criteria for selection of a winner. Within such framework, it would be possible to consider inclusion of requirements relating to specific restoration actions of hazards within the concession area, insofar as it is found that such actions are necessary, and that it would be advantageous to have such works carried out by the extraction license-holder rather than by the State. Formulation of the bidding process details will be carried out by the team established for such purpose, while addressing in this context also the findings of the examination, headed by the Ministry of Environmental Protection, regarding existing environmental hazards in the concession area, pursuant to the report’s recommendations.

- **Remark (ATD):** The report must clarify whether there is any intention to deviate from the Law for Taxation of Profits from Natural Resources, 5771-2011, in relation to the principle whereby taxation for each resource will be calculated separately (in reference to the recommendation whereby allocation of resource extraction rights will be made in one piece).

  **Team’s response:** There is no recommendation to deviate from the principle whereby taxation for each resource will be calculated separately, in accordance with the Law for Taxation of Profits from Natural Resources, 5771-2011. The recommendation regarding allocation of extraction rights in one piece refers to the operational aspect – i.e. one operation license will be granted for the extraction of all resources currently extracted from the Dead Sea (excluding specific resources, which would be excluded from the license).
Remark (ATD): The concession area must be reduced as much as possible, while removing areas having unique environmental value.

Team’s response: The report recommends that, upon granting of new extraction rights, the area of operation should be reviewed and reduced so as to include only areas truly necessary for the operation of the plants, while setting land use restrictions; in particular, the report recommends to remove from the future extraction license any rights relating to areas included in the current concession and used for other purposes, such as settlements, agriculture, business activity unrelated to the plants (e.g. tourism or extraction of materials for the cosmetics industry), as well as areas having unique environmental value.

Remark (ATD): Planning and building laws and environmental protection laws must be applied in full with respect to resource extraction activities, including amendment of the Planning and Building Law.

Team’s response: The report clarifies that the Dead Sea resource extraction activity is similar to all other industrial activities, and thus the future extraction license must ensure that it is subject to all laws, including planning and building laws and environmental laws.

Remark (ATD): The report must recommend adoption of the polluter pays principle as a means for the prevention of future environmental hazards.

Team’s response: The report recommends that, as part of the future allocation of extraction rights, the liability of the new extraction rights-holder is clearly defined with respect to all environmental hazards caused under their responsibility, including liability for the removal, recovery and restoration of hazards, without derogating from the provisions of any law. It is also recommended to consider, as part of preparation of the new extraction license, the remedies and sanctions available to the State in case of breach of these obligations, in addition to the powers given to the State by virtue of environmental laws and other laws.

Remark (ATD): Responsibility for the restoration of the Dead Sea applies also to the State.

Team’s response: The Team recommends that, in relation to the existing environmental hazards, the Ministry of Environmental Protection should head a comprehensive examination, from an all-governmental perspective and in preparation to the conclusion of the concession period, of regulatory obligations regarding restoration of unaddressed past damages by the current concession-holder. This is designed to prevent a situation wherein the concession is transferred to an alternate operator or to the State while hazards, which by law should be addressed by the current concession-holder, remain unaddressed in a manner which could also undermine the value of the future resource. As far as the findings of such examination indicate that there are hazards in the concession area which the current concession-holder is not obligated to address, it is proposed to consider whether the addressing thereof may be advanced through the new allocation of rights. Beyond that, reference to this matter exceeds the Team’s purview.

Remark (ATD): The period of the license should be as short as possible, while a period of 20-30 years in much more common in the allocation of licenses than a period of 30-40 years; furthermore, terms should be clearly defined for State intervention in case of breach of environmental requirements as well as change in the identity of the extraction license-holder; finally, the report must clarify whether the definition of the license period also includes the extension option.
Team’s response: In light of the fact that the Dead Sea resource extraction activity is a high-investment operation, some investments having a lifespan of decades, and which are continuously required throughout the entire period of the license, and also in light of the desire to reduce the frequency of interim periods preceding the expiration of license periods (which are characterized by structural difficulties relating to incentives to carry out forward-looking actions), the report recommends a license period of 30-40 years, while the exact period is to be determined by the sub-team tasked with drafting the new operation license. The report does not recommend a built-in option for extension of the license period. Simultaneously, the report recommends the explicit definition of material terms – particularly in environmental aspects – whose breach or drastic change thereof by the extraction license-holder could entail clear remedies, and in extreme cases, revocation of the license and its return to the State. Issues relating to a change on ownership of the extraction license-holder would also be arranged as part of the license, as is customary in similar bidding processes.

- Remark (ATD): The bidding process should take into account aspects of past environmental conduct of bidders, and particularly environmental offenses.

Team’s response: As is the practice in preparation to all bidding processes, in this case as well prerequisites and relevant criteria for consideration of bids will be defined in preparation for publication of the bidding process; however, the Team did not discuss such future terms.

- Remark (ATD): The government must urgently take action to protect the Dead Sea – particularly, to apply the Water Law to DSW’s activity, to immediately ensure the implementation of the salt harvesting agreement, to ensure representation of the Ministry of Environmental Protection in the team tasked with examining investments as of 2020, and to prepare a plan for the long-term restoration of the Dead Sea region.

Team’s response: As for the investment approval team, the report clarifies that all sub-teams would be headed by the Accountant General in the Ministry of Finance, in collaboration with other ministries and departments as required. As for implementation of the salt harvest agreement during the period of the future license, the report recommends that the new extraction license specifically and explicitly defines the extractor’s responsibilities in that context. Issues relating to the implementation of the salt harvest agreement already during the remaining years of the current concession, application of the Water Law to DSW, and long-term plans for the restoration of the Dead Sea region – all exceed the purview of the Team.

Remark received from Israel Chemicals:

“For the sake of caution, ICL wishes to note that the Interim Report, though it includes in its current language guiding and declarative principles – which still require implementation and the issuance of operative recommendation for action – raises complex legal, economic, operational and engineering issues, and ICL has material reservations in relation to parts of its contents. ICL would be able to express its position regarding such issues only after they have been given concrete form, so as to clarify the complete picture”.

Team’s response: In the absence of specific details, the Team is unable to respond to ICL’s reservations regarding the report.