

Appendix 2.1: Russian Federation Legislation of Relevance

Topic Covered	Legislation	Legislation Number and Date	Relevance to Project
Accidents / Emergencies	Federal Law 'On Industrial Safety'	No. 116-FZ of 21.07.1997	This law relates to hazardous production facilities, emergency prevention and response provisions.
	Government Enactments 'On urgent measures for the prevention of and response to emergency oil spills'	No. 643 of 21.08.2000 and No. 240 of 15.04.2002	This enactment determines the main requirements for developing plans aimed at the prevention of and response to emergency oil spills. These requirements apply to emergency situations of onsite, local, territorial, regional and federal importance, and inform the coordination of response measures.
	Federal Law 'On Fire Safety'	No. 69-FZ of 21.12.1994	This law determines legal, economic and social basis for provision of fire safety in the Russian Federation; regulates relations between the state authorities, self-government bodies, institutions, organizations, other legal entities; and also regulates relation between public organisations, officials, citizens of the Russian Federation, foreign citizens, and stateless persons.
	Federal Law 'On Protection of the Population and Areas from Natural Disasters and Man-made Catastrophes'	No. 68-FZ of 21.12.1994	This law sets forth institutional and legal provisions for the protection of people, land, water and air space during emergency situations.
Archaeology / Cultural Heritage	Federal Law 'On Objects of Cultural Heritage (Historical and Cultural Monuments) of the Russian Federation'	No. 73-FZ of 25.06.2002	This law describes the constitutional right of people to have access to and the preservation of historical and cultural heritage. This law also outlines the rights of the Russian people and other ethnic communities to preserve and develop their culture and traditions, including the restoration and conservation of their historical and cultural environment, as well as protection and retaining of sources of information about their origins and development of culture. This law is relevant to all Project Phases and regulates the objects of cultural heritage located in the Project area.

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Biological Impact	Federal Law 'On Environmental Protection'	No. 7-FZ of 10.01.2002	This is the overarching law on environmental protection. This law states that an environmental review will be undertaken to verify that Project documentation complies with environmental requirements set forth by the technical regulations and environmental legislation which prevents activities that could cause adverse environmental impact.
	Federal Law 'On Wildlife'	No. 52-FZ of 24.04.1995	This law regulates wildlife protection, as well as, conservation and restoration of wild habitats. It promotes the conservation of biodiversity, sustainable use of all the wildlife components, creation of conditions for sustainable livelihood, conservation of generic resources of wild animals and other protection of wildlife as an integral element of the natural environment.
	Federal Law 'On Fishing and Biological Resources' Conservation'	No. 166-FZ of 20.12.2004	This law regulates fishing and biological resources' conservation activities.
	Federal Law 'On Specially Protected Natural Areas'	No. 33-FZ of 14.03.1995	This law establishes a system of specially protected natural areas, specifies conditions of their use and protection of natural resources. The protected area 'Utrish' is located approximately 4 km south-east of the landfall and offshore section of the Project.
	Government Enactment 'On the Red Data Book of the Russian Federation'	No. 158 of 19.02.1996	This enactment states that a copy of the Red Data Book of the Russian Federation is kept by the Ministry for Natural Resources and Environment (MNRE). The Red Data Book of the Russian Federation is an official document that includes consolidated data on rare and endangered fauna and flora species, and also on measures required for their protection and reproduction.

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	Governments Enactment 'On the adoption of rules for establishing fish protection zones'	No. 743 of 06.10.2008	This enactment states that fish protection zones and their boundaries are established by the Federal Agency of Fishery for the purpose of protecting biological resources. A fish protection zone can include limitations for use and special conditions for undertaking commercial and other activities within the zone. The Anapa Bank is a fisheries protection zone.
	Government Enactment 'On the adoption of rules for approval of siting commercial and other entities, and for the introduction of new technological processes that produce impact on the conditions of water, biological resources and their habitat'	No. N569 of 28.07.2008	This enactment states that the Federal Agency of Fisheries has the power to approve the siting of new technological processes, commercial and other entities within internal marine waters, the territorial sea, on the continental shelf and in the EEZ that may impact on the state of biological resources and their habitats.
	Government Enactment 'On measures for enforcement of obligations arising from the Conservation on the Wetlands of International Importance (Especially as Wildlife Habitats dated 02.02.1971)'	No. 1050 of 13.09.1994	This enactment adopts the 'List of Wetlands of International Importance (especially as wildlife habitat)' located in the territory of the Russian Federation. The executive power bodies of the related subjects of the Russian Federation jointly with the MNRE and the Environment Protection of the Russian Federation are entitled on approval by the relevant federal authorities to develop and adopt provisions regarding wetlands located in their territories, which are to determine the procedure for nature management and protection of these wetlands.
	Government Enactment 'On the adoption of requirements for the prevention of wildlife loss'	No.997 of 13.08.1996	This enactment sets out requirements to regulate operating activities in order to manage and prevent loss of wildlife species and habitats (as a result of changing habitat and migration paths). It covers: water intake facilities; production equipment units; mobile transport and agricultural machines; construction of production and other facilities; extraction, processing and transportation of raw materials; and technological processes of cattle breeding and plant growing.

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	Order of Ministry of Natural Resources 'Calculation of damage to game resources procedure'	No. 948 of 08.12.2011	The order specifies methods of calculating damage to game resources caused by impact on their habitats. The Order also specifies the scale of payment per one game species.
	Calculation of damage caused by animals' loss (Red Data Book and other animals not these subject to game management and/or fishing) procedure	No. 107 of 28.04.2008	Calculation of size of damage caused to wildlife species habitats is made when identifying facts of violation of the environmental legislation of the Russian Federation as well as the laws on protection and use of wildlife and its habitat. Occurrence is identified by results of the state control over protection, use and reproduction of wildlife species and their habitat, on the basis of field surveys, instrumental measurements, laboratory analyses and expert assessments.
	Ministerial Order 'On the adoption of lists of flora species registered in the Russian Federation Red Data Book'	No. 289 of 25.10.2005	This order is issued by the MNRE regarding the adoption of lists of flora species registered in the Russian Federation Red Data Book.
	Order 'On the methods for calculating damage caused to wildlife and their habitats'	No. 107 of 28.04.2008	This order sets methods to calculate the scale of damage caused to wildlife species and their habitats. This order clarifies the laws on protection and use of wildlife and habitats, as well as, non-compliance with this environmental legislation. The level of damage is identified through results of field surveys, instrumental measurements, laboratory analyses and expert assessments.
	Order 'On approval of the methodology of calculating the amount of harm caused to aquatic biological resources'	No. 1166 of 25.11.2011	This order describes methods on how to calculate damage to fish resources and aquatic habitats caused both by violation of law, spills of hazardous substances and by planned economic activities. In accordance with Russian legislation, the damage to fish resources that will be caused by planned activities must be calculated and included into the necessary Project documentation.

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EIA	Federal Law 'On Environmental Expert Assessment'	No. 174-FZ of 23.11.1995	This law determines that the environmental review is to verify whether the Project documentation that justifies the planned activity complies with environmental requirements set forth by the technical regulations and environmental legislation that prevents activities which cause adverse environmental impact.
	Government Enactment 'On the adoption of provisions about procedure for the State Environmental Expert Review'	No. 698 of 11.06.1996	This enactment states that the State Environmental Expert Review of the EIA applies to specific subject matters (documents and materials), defined as per Articles 11 and 12 of the Federal Law 'On the State Environmental Expert Review'.
	Order 'On the adoption of provisions for the environmental assessment of commercial and other activities'	No. 372 of 16.05.2000	This order was developed in pursuance of the Federal Law of 23.11.95 No. 174-FZ 'On Environmental Expert Review' to regulate the process of assessment of intended commercial and other activities' environmental impact; and, to prepare the relevant documents that are the basis for development of Project Design Documentation. It states that one of the main principles of EIA is participation of the public in the discussion of the EIA reports.
	Nature protection. Hydro sphere. The general requirements to sampling of ground adjournment for the analysis on impurity	GOST 17.1.5.01-80	This standard describes general requirements for sampling of bottom sediments of water objects for their pollution analysis, including sampling methods, sampling points selection, requirements to the time of sampling, requirements to sampling devices, requirements to samples storage and etc.
	Nature protection. Hydro sphere. Devices and devices for selection, pre-processing and storage of tests of natural water.	GOST 17.1.5.04-81	This standard specifies requirements and technical parameters for water sampling devices and the storage conditions of samples.

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	Nature protection. Hydro sphere. The general requirements to sampling of surface and sea water, ice and an atmospheric precipitation	GOST 17.1.5.05-85	This standard describes general requirements for surface and sea waters, ice and atmospheric precipitation sampling including requirements to sampling points selection, sampling frequency, methods and devices for ice sampling, samples storage and etc.
	Nature protection. Soils. Product indicators of a sanitary condition	GOST 17.4.2.01-81	This standard specifies chemical, physical and biological parameters of soils that characterise sanitary status of soils.
	Nature protection. Soils. The general requirements to sampling	GOST 17.4.3.01-83	This standard specifies requirements for soil sampling methods and samples storage depending on the site topography, nature of contamination, direction of pollutants dispersion flow, and etc.
	Nature protection. Soils. The general requirements to control and protection from pollution	GOST 17.4.3.04-85	This standard specifies general requirements for soil contamination monitoring and protection. It also establishes key criteria for soil contamination assessment: Maximum Permissible Concentrations (MPC) and Tentative Permissible Concentrations (TPC) of pollutants in soil.
	Nature protection. Soils. Methods of selection and preparation of tests for the chemical, bacteriological, gelmintologichesky analysis	GOST 17.4.4.02-84	This standard describes the required methods for sampling and preparation of soil for chemical, bacteriological, and helminthological analysis. The specified parameters include sampling devices, sampling points, sampling frequency, samples storage and etc.
	Nature protection. The atmosphere. Rules of quality assurance of air of the populated places	GOST 17.2.3.01-86	This standard specifies requirements for air quality monitoring in populated areas including type and quantity of monitoring points, requirements to monitoring programmes and duration of sampling. The document also specifies characteristics of air pollution (daily average, monthly average, annually average and etc.)

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	Methods of measurement of noise in the residential territory and in premises of residential and public buildings	GOST 23337-78	This standard specifies requirements for methods of noise measurement in residential areas and in the rooms of residential, public and community buildings including measuring of continuous noise and non-continuous noise, specifying places of noise measuring, requirements to the devices, etc.
	Water. The general requirements to water sampling	GOST R 51592-2000	This standard specifies general requirements for water sampling, requirements to sampling devices and storage, safety requirements for personnel.
	Noise on workplaces, in premises of residential, public buildings and in the territory of a housing estate	SN 2.2.4/2.1.8.562-96	This sanitary standard specifies requirements for noise monitoring and control at work places, in living premises and in public buildings. It also defines the permissible noise levels at daytime and night time at workplaces, in living houses and in public buildings.
	Code of Practice for development of 'Environmental Impact Assessment' section of design documentation at Prefeasibility Stage [Practical manual]	11-101-95	This code specifies the procedure for development, coordination, approval and contents of feasibility studies for construction of enterprises, buildings and structures.
Facilities / Pipeline Construction	Urban Code of the Russian Federation'	No. 190-FZ of 29.12.2004	This code regulates issues of territorial planning, urban zoning, civil/structural/architectural design, construction, reconstruction, and overhaul of capital construction facilities. The code provides protection of the environment and maintains safe production facilities operation.
	Federal Law 'On Technical Regulations'	No. N184-FZ of 27.12.2002	This law determines regulations arising in the process of development, adoption, application and observation of mandatory requirements to products, design processes (including engineering surveys), manufacture, construction, installation, start-up, operation, storage, transportation, distribution and disposal.

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Federal Law 'On energy conservation and energy efficiency improvement and on amending certain legal acts of the Russian Federation'		No. 261-FZ of 23.11.2009	This law establishes the principles of regulation for conservation and energy efficiency improvement.
Government Enactment 'On organising and conducting the state expert review of design documentation and engineering survey findings'		No. 145 of 05.03.2007	<p>This enactment states that the subject matter of the State Expert Review of design documentation is compliant with requirements of technical regulations, health and welfare requirements, environmental requirements, requirements for state protection of cultural heritage sites, fire, industrial and other safety requirements, and also engineering surveys' findings.</p> <p>The result of the State Expert Review is an expert opinion including conclusions about compliance (positive) or non-compliance (negative) of the design documentation and engineering surveys' findings with requirements for technical regulations.</p>
Government Enhancement 'On the structure of design documentation sections and requirements to their contents'		No. 87 of 16.02.2008	This enactment determines the structure for design documentation and the requirements for the contents of the documentation that needs to be prepared for various types of capital construction facilities.
Government Enactment 'On engineering surveys for preparation of design documentation, construction, upgrade of capital facilities'		No. 20 of 19.01.2006	This enactment states the necessity for conducting specific kinds of engineering surveys and defines that the contents, scope and method of the surveys are established by a program of engineering surveys based on the developer's terms of reference. The type of engineering survey is dependent on the design of the capital facilities, their construction and technical complexity, and the complexity of topographic, geotechnical, environmental, hydrological meteorological and climatic conditions of the territory where the construction will occur.

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	Government Enactment 'On the list of facilities subject to federal environmental control'	No. 285 of 31.03.2009	This enactment presents the list of facilities that are subject to federal environmental control.
	Government Enactment 'On the adoption of issuing permits for underwater cabling and piping on the continental shelf'	No. 417 of 09.06.2010	This enactment adopted rules to define the procedure for issue of permits for underwater cabling and piping on the Russian Federation continental shelf. Such permits are issued by the Federal Service for Nature Management Supervision.
	Order 'On the adoption of the administrative regulations for mineral resources and underground facilities by the Federal Agency for Subsoil Resources'	No. 59 of 03.03.2010	This order outlines administrative regulations for the State issuing: a conclusion that mineral resources are not present in the area of land intended for construction; a permit for construction work on areas of land with mineral resources; and the allocation of areas of land with mineral resources.
	Order 'On the adoption of the administrative regulations for the provision by the Federal Services for Nature Use Supervision'	No. 309 of 10.12.2007	This order outlines administrative regulations for the Federal Service for 'Nature Use Supervision' issuing: a permit for creation, operation and use of manmade islands, installations, facilities, drilling, underwater cabling and pipe laying in the internal marine waters, the territorial seas and the continental shelf. This determines the timeframe and the sequence of actions by the Federal Service for Supervision of Natural Resource Usage during execution of this state function.
	Russian Federation Government Enactment "On approval of the procedure for the construction of underwater cables and pipelines in the internal maritime waters and territorial sea of the Russian Federation"	No. 68 of 26.01.2000	This law specifies the procedure of applying for and obtaining a permit for the construction of underwater cables and pipelines in the internal maritime waters and territorial sea of the Russian Federation. The permit is issued by the Federal Service on Supervision in the sphere of the use of natural resources (RosPrirodNadzor). The document also specifies the set of documents to be supplied as an application for the Permit.

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Gas Mains' [Code of guidelines for construction]		SNIP 2.05.06-85	This document specifies technical requirements to gas main laying including requirements to the routing, laying in the mountains, water streams crossings, road crossings, laying in the seismic areas and in the areas of permafrost occurrence, requirements to shut-off valves, strength calculations, walls thickness and etc.
Code of the regulations on construction of Gas Mains' [Code of guidelines]		SP 103-34-96	This document states that preparation of construction area for gas mains' laying shall meet not only the structural concepts for a specific main and its sections (underground, ground or partly embedded) but also the technique, technology and arrangement of subsequent performance of any specific (single) types of construction-installation and construction works.
Code of guidelines for Gas Mains' installation. Excavation operations [Code of guidelines]		SP 104-34-96	<p>This code sets new techniques for gas mains' construction in complicated natural and climatic conditions, describes methods for trenching, drilling of pits and boreholes for pile trestles, backfilling in consideration with the pipelines' design factors, specifics of drilling-explosion operations, and includes parallel multi-line mains' construction in various pipeline route sections.</p> <p>This document was made for specialists of building and design organisations that perform earth moving operations during construction of laying pipelines and developing construction management plans and work method statements (WMP and WMS).</p>

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Standards of land siting for trunk pipelines [Code of guidelines for construction]		SN 452-73	<p>These standards determine the width of land strips for underground main lines (gas pipelines, oil pipelines, and oil products' lines) and the size of land plots for locations of shutoff valves of pipelines.</p> <p>Land plots to be allocated for unlimited (permanent) use to accommodate shutoff valves of underground main lines shall be assumed in the size of not more 10 x 10 m each.</p> <p>The utilisation of land plots above underground main lines shall be exercised by land users in compliance with measures for maintaining the pipelines' safety.</p>
Standards of land siting for roads and highways [Code of guidelines for construction]		SN 467-74	<p>These standards determine the width of land strips for newly built and reconstructed motor roads of the general network, and also for access roads of industrial, agricultural and timber procurement facilities.</p>
Standards of land allocation for communication lines [Code of guidelines for construction]		SN 461-74	<p>These standards determine the width of land strips for communication lines the size of land plots for facilities' location on these lines.</p> <p>In the process of selection, allocation and use of lands for communication lines, the basic principles of the land legislation and the guidelines for disturbed lands' reclamation, other relevant regulations shall be complied with.</p> <p>The width of land strips for communication lines constructed on lands of residential settlements, on production sites and adverse terrains, as well as the width of land plots allocated for temporary facilities, assembling, construction-installation mechanisms' location, delivery and storage of equipment and materials are determined by projects approved as established.</p>

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Health Impacts	Federal Law 'On Sanitary and Epidemiological Safety of Population'	No. 52-FZ of 30.03.1999	<p>The law is aimed at ensuring the health and safety of the population and protection of the constitutional right of the public to a favourable environment and health care.</p> <p>The law establishes that legal entities which perform commercial or other activities shall:</p> <ul style="list-style-type: none"> • Provide health and safety for works and services performed and ensure safety of technical products during their manufacture, transportation, storage and distribution to the population; • Execute industrial control over compliance with the rules during works and services performance and safety of technical products during their manufacture, transportation, storage and distribution; • Carry out works for ensuring safety in new types of products, as well as the production technology, environmental safety and/or criteria to develop methods for control over environmental factors; and • In a timely manner, inform the public, government bodies and the state authorities in charge of the health and welfare supervision of any emergency situations, suspension of production, and breakdown in the technological processes that may threaten the public.

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	On sanitary and epidemiologic expert assessments, inspections, survey, toxicological and hygenical testing and other assessments [Order of Federal Sanitary Administration]	No. 224 of 19.07.2007	<p>The order provides for the health and welfare of the population, protection of consumers' rights, and management of health expert reviews the Order by adopting:</p> <ul style="list-style-type: none"> • Procedures for organising and conducting health and welfare expert reviews, surveys, studies, tests and toxicological and other kinds of assessments; • Procedure for issuing health and welfare statements; and • Provision on the registry of health and welfare conclusions about compliance or non-compliance with the state health and welfare rules and standards related to various types of activities, works, services, products, and design documentation.
Labour	Labour Code of the Russian Federation	No. 197-FZ of 30.12.2001	This code establishes key principles of labour legal grounds; relationships between an employer and employee; non-discriminative policy; prohibition to use child and forced labour; labour disputes resolution; grievance mechanisms, etc.
Land Impacts	Land Code of the Russian Federation	No. 136-FZ of 25.10.2001	This code sets forth a legal basis for the use and protection of land resources.
	Federal Law 'On Land Classification'	No. 172-FZ of 21.12.2004	This law establishes the legal basis for regulation of land or land plot reclassification issues, and describes specific features of land reclassification.
	Federal Law 'On Subsurface Deposits'	No. 2395-1 of 21.02.1992	This law regulates geological studies, and the use and protection of subsoil resources in the territory of the Russian Federation. The law includes legal and economic bases for integral efficient use and protection of subsoil resources.

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	Federal Law 'On Land Management'	No. 78-FZ of 18.06.2001	This law establishes a legal basis for land management for the purpose of ensuring efficient use of land, protection of land and improvement of landscapes.
	Federal Law 'On Natural Therapeutic Resources, Spa Localities and Health Resorts'	No. 26-FZ of 23.02.95	The sanitary protection area of Anapa is classified as a resort due to its recreational value as a 'health improving' (spa) resort area. This law defines the requirements of protection for such designated areas.
	Building Code 'On the territory of the planned construction and the peripheral zone'	Building Code 2.01.15-90, Building Code of 22-01-9, GOST R of 22.1.06-99 and GOST R of 22.0.03-95	These codes outline hazardous processes and phenomena. These documents are referred to in order to assess the potential hazardous geological processes (landslides, caving etc.) and the technical measures needed to protect facilities (such as pipelines).
	Forest Code of the Russian Federation	No. 200-FZ of 04.12.2006	This code establishes the legal basis of efficient nature use, protection, security and reproduction of forests, as well as increasing their environmental and resource potential.
	Government Enactment 'On the adoption of rules for compensation to land owners and tenants of land plots'	No. 262 of 07.05.2003	This enactment determines the procedure for compensation to owners of land plots, land users and tenants of land plots for damage caused by withdrawal or temporary occupation of land plots, limitation of land owners' rights or by worsening land quality as a result of other persons' activities.
	Ministerial Order 'On the adoption of basic provisions on land reclamation, soil removal, conservation and efficient use of fertile soil'	No. 525/67 of 22.12.1995	This order sets basic provisions developed in accordance with the Russian Federation Government Resolution of 23.02.1994 No.140 'On land soil removal, conservation and efficient use of fertile soil layer' to determine the requirements commonly applied to various operations which could disturb soil cover and land reclamation.

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Order 'On the adoption of rules of using forests for construction, upgrade and operation of line facilities'	No. 223 of 10.06.2011	This order outlines the rules established for the use of forests for construction, upgrade and operation of line facilities in particular:	<ul style="list-style-type: none"> • For the purpose of facilities construction, non-forest lands are used primarily, and in the absence of such lands, areas of felling (i.e. burnt spots, waste lands, failed areas), areas of low-density and the least valuable forest plants are used thereafter; • Construction, upgrade and operation of facilities shall exclude development of erosion processes. • Lands disturbed or contaminated when using forests for construction, upgrade and operation of line facilities are subject to reclamation.
Rosleskhoz Order 'Guidance for forest use for construction, reconstruction and operation of linear objects'	No. 223 of 10.06.2011	This guidance specifies requirements for pipelines and other linear facilities laying in the forested areas including requirements to soil erosion prevention, width of right-of-way, requirements to forest cutting and etc.	
Requirements to fertile soil layer protection during excavation works	GOST 17.4.3.02-85	This standard establishes requirements for protection of fertile soil layer during earthmoving operations for its further use on low-production lands and restoration of reclaimed land fertility.	The standard is applicable for the preparation of design documentation and performance of works related to disturbance of lands and their reclamation.

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	Nature protection. Lands. Requirements to estimation of the fertile soil layer specification for earth excavation operations	GOST 17.5.3.06-85	<p>This standard establishes requirements for identification of norms for fertile soil layer removal during earthmoving operations for its further use on low-production lands and reclaimed lands.</p> <p>The standard is applicable for preparation of design documentation on fertile soil layer removal as part of land management projects, projects for mining, construction, and other operations related to disturbance of soil cover.</p>
	Soils. Terms and definitions	GOST 27593-88	<p>This standard establishes terms and gives definitions to be applied in soil sciences.</p> <p>The terms established by this standard shall be compulsorily used in all documentation related to soils.</p>
	Nature protection. Soils. Classification of chemicals for pollution control	GOST 17.4.1.02-83	<p>This standard establishes a classification of chemical substances of anthropogenic origin by the degree of hazard for contamination control and soil quality forecasting.</p> <p>Classification of chemical substances, established by this standard shall be used in documentation and reference literature on nature protection.</p>
	Nature protection. Soils. Nomenclature of sanitary condition indices	GOST 17.4.2.01-81	<p>This standard establishes a list of data on sanitary conditions of soils belonging to the state unified land fund.</p> <p>The list of data on the condition of soils determined by this standard shall be applied for preparation of standard-technical documentation on prevention of soil contamination and also for control of soil condition.</p>

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	Nature protection. Soils. General requirements to classification of soils in accordance with the impact of chemical pollutants on them	GOST 17.4.3.06-86	<p>This standard establishes general requirements for classifying soils by the impact of chemical polluting substances' on them.</p> <p>Soils are classified by the degree of contamination taking into account the maximum permissible concentrations (MPC) of chemical substances in soil and their background concentrations.</p>
	Nature protection. Lands. Reclamation general requirements	GOST 17.5.3.04-83	<p>This standard sets general requirements to reclamation of lands disturbed during mineral resources' production, peat extraction, line facilities' construction, geological prospecting surveying and other works; it also sets requirements for reclamation of lands dependent upon their economic use.</p> <p>These standard requirements apply to planning, design and performance of works related to the disturbance of lands and their reclamation.</p>
	Nature protection. Land reclamation. General requirements for lands to be backfilled	GOST 17.5.3.05-84	<p>This standard sets general requirements for earth mulching of low-production agricultural lands, which is carried out for the purpose of increasing fertility of such lands.</p> <p>The standard was developed for planning, design and execution of earth mulching works.</p>

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Nature protection. Soils. Nomenclature of suitability characteristics of disturbed rich soil layer to be backfilled		GOST 17.4.2.02-83	<p>This standard presents identification of factors for disturbed fertile soil and suitability for earth mulching and application on the lands to be reclaimed. The identification of factors shall apply for development of:</p> <ul style="list-style-type: none"> • Standard technical documents on norms for removal, application, selection of earth mulching sites, performance of agronomic and mitigation measures, control over fertility of improved and newly created agricultural areas; and • Design documentation on works related to disturbance of fertile soil layer and its further use.
Nature protection. Lands. Classification of disturbed lands to be recultivated		GOST 17.5.1.02-85	<p>This standard establishes classification of disturbed lands by unsuitability for reclamation and use.</p> <p>The standard applies to management, accounting, inventorying and mapping; planning of reclamation works; design and surveying works for reclamation of lands previously disturbed by businesses; organisations and institutions involved in mineral recourse use and also by businesses carrying out construction and other works that cause land disturbance; reclamation as part of mining and related projects in which technology includes processes of land disturbance and reclamation; design of linear, hydro-engineering, and other facilities.</p>

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Nature protection. Soils. General requirements for contamination control and protection		GOST 17.4.3.04-85	<p>This standard sets general requirements to control and prevent soil contamination for production and non-production activities.</p> <p>The standard is applicable to control and prevention of soil contamination by emissions, discharges, wastes, effluents and sludge of wastewaters from production facilities, household facilities, agriculture, transport and also with use of chemicals for agricultural and forest lands.</p> <p>The standard does not apply to soils from production sites, or soils contaminated as a result of fugitive emissions, rupture of wastewater treatment facilities and other emergency situations.</p>
Sanitary requirements to soil quality for inhabited areas		SanPIN 2.1.7.1287-03	<p>These health and welfare requirements apply to soil quality of various territories in consideration with their functional purpose and use. They apply to residential areas, recreational zones and resorts, sanitary protection zones of water bodies and coastal bodies, agricultural territories and other areas where contaminated soils may impact on human health and living.</p> <p>Hygienic requirements for soil quality are established in consideration with their specific features, soil and climatic characteristics of populated areas, and background concentrations of chemical compounds and elements. The regional indicators of soil quality should be used for background values of soils.</p> <p>Requirements of these sanitary rules are binding on all legal entities regardless of their subordination and forms of incorporation.</p> <p>The state control over compliance with requirements of these sanitary rules is executed by the state authorities and institutions of the state sanitary-epidemiological service of the Russian Federation in accordance with valid provisions.</p>

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	Code Of Practice. Engineering Survey for Construction. Basic Principles.	SNiP 11-02-96	This guidance specifies requirements for pipelines and other linear facilities laying in forested areas and includes requirements for soil erosion prevention, width of right-of-way, forest cutting, etc.
	Code of Practice. Hazardous Geological Process Protection of Areas, Buildings, and Facilities. Main provisions	SNiP 22-02-2003	This code describes basic engineering principles for protection of territories, buildings and structures from dangerous geological processes: landslides, mud flood, avalanches, karst, coastal erosion, flooding, soil erosion in permafrost areas and etc. A key requirement is to develop protection measures based on the results of the baseline investigations.
	Code of Practice. Engineering Environmental Site Investigations for Construction	SP 11-102-97	This code establishes key rules and requirements to the environmental baseline investigations, including scope of work, investigation methods, soil and groundwater contamination assessment criteria, physical factors assessment criteria, assessment criteria of soil and groundwater in residential areas, key water contaminants, etc.
	SP 14.13330.2011 Code of Practice. Seismic Building Design Code	SNiP II-7-81*ver. 2011	<p>This code of practice applies to design of buildings and structures to be constructed in the areas with seismicity ratings off 7, 8 and 9. On sites where seismic ratings exceed 9, construction of buildings and structures is not permitted. If necessary, construction on such sites is permitted on provision of compulsory scientific assistance and involvement of a licensed scientific institution.</p> <p>This code of practice establishes requirements for computation taking into account the seismic loads, in order to space and layout design of buildings, structures and their elements to provide for seismic resistance.</p>
	Code of Practice. Engineering Geological Site Investigations for Construction	SP 11-105-97	This Code specifies the scope of work, methods and technologies for geological surveys for construction in the Russian Federation.

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Impact on atmosphere	Federal Law 'On Protection of the Atmospheric Air'	No. 96-FZ of 04.05.1999	<p>This law is the legal basis for the protection of the atmosphere. It develops and adopts norms for maximum permissible emissions and sets forth requirements for permits for emissions of harmful (polluting) substances.</p> <p>This Federal Law (04.05.1999, no. 96-FZ) does not only cover air pollution but also covers noise and other physical factors, which are currently implemented through a series of Sanitary Norms. An example of this is Sanitary Norm CH 2.2.4/2.1.8.562-96 'On noise in working places'. This norm has been approved by the Decree of Goscomsanepidnadzor Russian Federation dated 31.10.1996, No. 36. This document is not a law; however, it is a regulatory document which is the key document to be followed for acceptable noise levels in residential areas.</p>
	Government Enactment 'On procedures for establishing and revision of environmental and hygienic standards of the atmospheric air quality, the maximum permissible levels of impact on the atmospheric air and the state registration of harmful (polluting) substances and potentially hazardous substances'	No. 182 of 22.03.2000	<p>This enactment states the environmental standards of the atmospheric air quality, methods for establishing standards, the maximum permissible levels of emissions, the maximum permissible (critical) loads on ecosystems and other environmental standards aimed at protection of the atmospheric air quality are established and revised by the MNRE. It also provides health standards for atmospheric air quality which are established and revised by the Ministry for Public Health of the Russian Federation.</p>
	Government Enactment 'On maximum permissible emissions into the atmospheric air and adverse physical impacts'	No. 183 of 02.03.2000	<p>This enactment adopts provisions which determine the procedures for development and adoption of norms for the maximum permissible emissions of harmful (polluting) substances and tentatively agreed emissions.</p>

Topic Covered	Legislation	Legislation Number and Date	Relevance to Project
Government Enactment 'On procedures for limitation, suspension or discontinuation of harmful (polluting) substances' emissions in the atmospheric air and harmful physical impacts on the atmospheric air'		No 847 of 28.11.2002	This enactment states the procedure for limitation, suspension or discontinuation of harmful (polluting) emissions from non-permitted air emissions (and other harmful physical impacts) or in relation to non-compliance with conditions stipulated by permits.
Government Enactment 'On the adoption of provisions about the state control over protection of atmospheric air'		No. 31 of 05.01.2001	This enactment states that commercial and other entities are subject to federal environmental control. The state control over protection of atmospheric air is executed by the Federal Service for Nature Management Supervision and by its territorial branches.
Government Enactment 'On the standard fees for air pollutants'		No. 344 of 12.06.2003 as last amended by Government Enactment no. 410 dated 01.07.2003	This enactment states that standard fees for air pollutant emissions by stationary and mobile sources, discharge of pollutants into surface and subsurface water bodies and production and disposal of domestic wastes are applied with coefficients taking into account environmental factors and an additional coefficient for specially protected natural territories, including health-improving areas and resorts.
Government Enactment 'About the statement of the Order of development and the statement of ecological specifications of emissions and dumps of polluting substances in surrounding environment, limits of use of natural resources, placing of a waste'		No. 545 of 03.08.1992	This enactment provides environmental standards for emission and discharge of polluting substances into the natural environment (maximum permissible and tentatively agreed), the maximum use (withdrawal) of natural resources, and waste disposal are set for specific enterprises, institutions and organisations of the Ministry for Natural Resources and Ecology of the Russian Federation, by the health and welfare supervisory authorities. Documents specifying the normative values are developed by specific enterprises, institutions and organisations.

Topic Covered	Legislation	Legislation Number and Date	Relevance to Project
Ministerial Order of Administrative regulations of Federal service on supervision in wildlife management sphere on granting of the state service in delivery of permissions to emissions of harmful (polluting) substances in atmospheric air (except for radioactive substances)		No. 650 of 25.07.2011	This order approves and put into execution the administrative procedure of the Federal Service of Supervision in the Sphere of Use of Natural Resources (RosPrirodNadzor) which specifies the procedure of issuing permits to companies for air emissions from point sources.
Design procedure of concentration in atmospheric air of the harmful substances containing in emissions of the enterprises		(GND -86) 192 of 04.08.1986	This procedure is for emission calculations which are to be observed in project engineering for setting limits of air emissions from facilities under reconstruction and in operation. The limits are applied for pollutants' dispersion in a 2-meter near-ground layer and for vertical distribution of the concentrations.
Branch design procedure of ground concentration of the polluting substances containing in emissions of compressor stations of the main gas pipelines		Addition 1 to GND-86	These are methodical guidelines for emission calculation procedures for compressor stations including emission sources inventory, establishing emission standards and limits (maximum permissible emissions MPE), requirements for air emissions monitoring, emissions during unfavourable meteorological conditions, etc.

Topic Covered	Legislation	Legislation Number and Date	Relevance to Project
Sanitary code and rules of protection of the population from influence of the electric field created air-lines of the electricity transmission of the alternating current of industrial frequency		SanPiN 2971-84	<p>These sanitary-epidemiological regulations and norms include the main requirements for protection of the population from electric field exposure created by overhead power transmission lines of industrial frequency alternating current of 330 kV and higher voltage and the location of these high voltage lines (HVL) near residential areas.</p> <p>Protection of the population from electric field exposure created by overhead power transmission lines of industrial frequency alternating current of 220 kV and lower voltage that meet the requirements of 'Rules on design of power electric installations' and 'Rules on protection of high-voltage electric power lines' is not required.</p> <p>The Sanitary-epidemiological regulations and norms shall be met during:</p> <ul style="list-style-type: none"> • Design, construction and operation of buildings, structures and zones of organized human presence near HVL; • Design, construction and operation of HVL; and • Work performance by employees of transport facilities and other organizations near HVL.
Electromagnetic fields under production conditions		SanPiN 2.2.4.1191-03	<p>These health and welfare regulations and norms are valid in the entire territory of the Russian Federation and establish health and safety requirements for labour forces who are under exposure from electromagnetic fields (EMF) of various frequencies during their work; the maximum permissible levels (MPL) of various frequencies; and, requirements for execution of control over EMF levels in the work place, work safety methods and equipment.</p> <p>These rules are intended for organisations involved in EMF design and operation, production, purchase and distribution of these sources and also for authorities of agencies of the Health and Safety Service of the Russian Federation.</p>

Topic Covered	Legislation	Legislation Number and Date	Relevance to Project
Hygienic requirements to placing and operation of transferring radio engineering objects		SanPiN 2.1.8/2.2.4.1383-03	<p>These health and welfare regulations and norms are valid in the entire territory of the Russian Federation and establish health and welfare requirements for location and operation of transmitting radio-technical facilities (TRTF), operated within the frequency band of 30 kHz - 300 GHz, including the ones located in special testing fields.</p> <p>Requirements of the Sanitary Rules are aimed at prevention of adverse impacts on human health by electromagnetic fields of radio frequency bandwidth (EMF RF) created by TRTFs of radio communications, radio broadcasting, TV broadcasting, radio positioning, amateur band (3 - 30 MHz).</p> <p>The rules are intended for legal entities, individual entrepreneurs and citizens who carry out design, construction, upgrade and operation of TRTFs, and also for authorities of agencies of the Health and Welfare Service of the Russian Federation, which is in charge of the state supervision.</p> <p>Production, purchase, distribution and operation of TRTF equipment shall be performed subject to the existence of a sanitary-epidemiological conclusion on a specific type (model) of product.</p>
Electromagnetic fields under production conditions		SanPiN 2.1.8/2.2.4.2490-09	<p>This document specifies sanitary requirements for facilities that generate electromagnetic fields and includes design, technical parameters, construction and operation of the facilities.</p> <p>The sanitary rules concern the firms that design, produce and operate facilities generating electromagnetic fields.</p>

Topic Covered	Legislation	Legislation Number and Date	Relevance to Project
Admissible levels on workplaces and requirements to monitoring procedure		GOST 12.1.006-84	<p>This standard applies to electromagnetic fields with frequency bandwidths of 60 kHz - 300 GHz. The standard establishes permissible EMF levels in the work place and requirements to execute control.</p> <p>The standard does not apply to EMF created by micro-strip super high frequency units or for cases of short-time occasional EMF exposure of a total duration of not more than 15 minutes a week.</p>
Protection against noise		SNiP 23-03-2003	<p>This document establishes the requirements that must be implemented during design, construction and operation of various facilities in order to protect people from noise impacts and ensure compliance with the noise level sanitary standards at the workplaces, in living and public buildings and in residential areas.</p>
Noise on workplaces in premises of residential, public buildings and in the territory of a housing estate		SN 2.2.4/2.1.8.562-96	<p>These standards establish noise classifications and standard parameters and maximum permissible levels for noise at working places, noise in production, and noise in residential and public buildings.</p> <p>These standards are binding on all organisations and legal entities operating in the territory of the Russian Federation regardless of the forms of incorporation, departmental identity, subordination or citizenship of physical entities.</p> <p>The responsibility for compliance with the requirements of these standards is assigned to heads and officials of enterprises, institutions and organizations in accordance with the procedure established by law.</p>

Topic Covered	Legislation	Legislation Number and Date	Relevance to Project
	Sanitary and protective zones and sanitary classification of the enterprises, constructions and other objects	SanPiN 2.2.1./2.1.1.1200-03	<p>These rules establish hygienic requirements for the size of protection zones based on the sanitary classification of enterprises, facilities and other units.</p> <p>The rules are intended for organisations and specialists whose activities are related to siting, design, construction and operation of facilities, as well as health and welfare supervision.</p>
	Definition of levels of EMP created by radiating means of television, WC of broadcasting and base stations of an overland mobile radio communication [Methodical instructions]	4.3.1677-03 of 1996	<p>These methodical instructive regulations are to be applied by specialists of centres for sanitary-epidemiological supervision, geotechnical specialists, design institutions, and communications service providers for the purpose of executing the sanitary-epidemiological supervision over radiating sources.</p> <p>The regulations establish methodologies for identification (calculation and measurements) of electromagnetic field levels radiated by transmitting technical facilities of TV broadcasting, FM of radio broadcasting and inland mobile radio communications in the range of 27 - 2400 MHz in the areas of their location.</p>
	Definition of density of the stream of capacity of the electromagnetic field in places of placing of the radio means working in the range of frequencies of 700 MHz-30 GHZ [Methodical instructions]	4.3.043-96 of 1996	<p>These methodical instructive regulations are to help engineers of authorities and agencies of the Health and Welfare Service, engineers and technicians, and design institutions of communications sector to provide for preventive sanitary-epidemiological supervision over radiating sources of line-of-sight radio-relay systems, troposphere radio-relay systems and satellite systems for TV broadcasting, radio broadcasting within the frequency bandwidth of 700 MHz - 30 GHz, identification of boundaries of sanitary protection zones and restricted development areas, and forecasting of EMF levels during selection of sites for these facilities location.</p>

Topic Covered	Legislation	Legislation Number and Date	Relevance to Project
	Definition of density of the stream of capacity of the electromagnetic field, borders of the sanitary and protective zone and zones of restriction of building in places of placing of transferring means of broadcasting and Radio Communication the kilo - hecto and decameter range [Methodical instructions]	4.3.044-96 of 1996	These methodical instructive regulations are to help engineers of authorities of agencies of the Health and Welfare Service, engineers and technicians and design institutions of communications sector to provide for preventive health and welfare supervision over transmitting sources of kilo- (LF), hecto- (MF) and deca- meter (HF) bands of technical equipment for radio broadcasting and communications, identification of boundaries of sanitary protection zones and restricted development areas, and forecasting of EMF levels during selection of sites for these facilities location.
Waste	Federal Law 'On Production and Domestic Wastes'	No. 89-FZ of 24.06.1998	This law is the legal basis for commercial and domestic waste management to prevent negative impacts on human health and the environment. It provides environmental requirements and monitoring for waste management. It is relevant to all Project phases, specifically the Construction Phase.
	Federal Law 'On Licensing Activities'	No. 128-FZ of 08.08.2001	This law determines the type of activities that are subject to licensing. It includes general provisions concerning the issue and validity process of licenses associated with waste. Changed from Federal Law 'On lands' or land plots' reclassification'. This is relevant to all Project phases, specifically the Permitting Stage.
	Federal Law 'About licensing of separate kinds of activity'	No. 99-FL of 04.05.2011	This law gives a list of types of activities that require a license and specifies requirements for the license obtaining procedure.
	Government Enactment 'On the state registration of potentially hazardous chemical and biological substances'	No. 869 of 12.11.1992	This enactment states that the state registration of potentially hazardous chemical and biological substances is introduced to protect human and environment health from harmful impact of these substances and prevention of adverse consequences of their application.

Topic Covered	Legislation	Legislation Number and Date	Relevance to Project
Government Enactment 'On the adoption of procedures for development and adoption of environmental standards for emissions and discharges of polluting substances into the environment, limits for natural resources' use and waste disposal'		No. 545 of 03.08.1992	This enactment sets environmental standards for emissions and discharges of polluting substances into the natural environment. The maximum use of natural resources and limits of waste disposal methods are set for specific enterprises, institutions and organisations in accordance with the MNRE and the Health and Welfare supervisory authorities.
Government Enactment 'On the adoption of procedures for defining payment and its limits for environmental pollution, waste disposal and other harmful impacts'		No. 632 of 28.08.1992	This enactment has adopted procedures, which apply to enterprises, institutions, organisations, foreign legal and physical entities that perform any kinds of activities in the territory of the Russian Federation related to nature use. It stipulates charging for adverse environmental impacts.
Government Enactment 'On amendments to administrative regulations by the federal service for environmental, technological and nuclear supervision for execution of the state function of issuing permits for emissions, discharges of polluting substances into the environment adopted by Order of the Ministry for natural resources and ecology of the Russian Federation'		No. 173 of 20.05.2010	This enactment includes amendments made to the previously adopted regulation whereby 'permits for emissions for discharges' were appended with the words 'or radioactive substances (radio-nuclides)'
Government Enactment 'About activity licensing on neutralization and placing of a waste of the I - IV classes of danger'		No. 255 of 28.03.2012	This enactment defines the authority responsible for issuing hazardous waste (with a 1 to 4 classification) handling licenses, specifies activities with regard to hazardous waste handling that requires licensing, namely hazardous waste recycling and disposal.

Topic Covered	Legislation	Legislation Number and Date	Relevance to Project
Ministerial Order 'On the procedures for development and adoption of standards for waste generation and limits of their disposal'		No. 50 of 25.02.2010	This order is for the development and adoption of standards for waste generation, sets forth limits for their disposal, and establishes requirements for preparation and submission of documents for the adoption of the maximum permissible levels of a specific kind of waste.
Order 'On the adoption of methodical instructive regulations for development of projects for waste generation and disposal limits'		No. 703 of 19.10.2007	<p>These regulations are intended for individual project owners and legal entities that perform activities related to waste management and also for territorial branches of the Federal Service for Environmental, Technological and Nuclear Supervision that makes a decision on adoption of waste generation and disposal limits.</p> <p>The regulations determine a unified approach to development and general requirements to the contents and execution of projects for waste generation and disposal limits.</p> <p>The regulations do not apply to radioactive waste management issues.</p>
Order of 'The work organization on certification of a dangerous waste		No. 570 of 15.08.2007	This order specifies the procedure of assessing toxicity and hazard classes for waste generated by a facility and preparation of a waste data sheet (certificate) to be approved by the authorities.
Ministerial Order 'On the adoption of criteria for waste identification by class of environmental hazard'		No. 511 of 15.06.2001	<p>This order sets criteria for waste identification by environmental hazard classification and is intended for individual project owners and legal entities which activities cause the generation of environmentally hazardous wastes.</p> <p>Hazard classifications are determined by the degree of potential adverse environmental impact (direct or indirect) in accordance with the criteria presented in the documentation.</p>

Topic Covered	Legislation	Legislation Number and Date	Relevance to Project
Ministerial Order 'On the adoption of accounting procedures in relation to waste management'		No. 721 of 01.09.2011	<p>This order sets the accounting procedure in relation to waste management and establishes requirements to be carried out by legal entities and individual company owners in relation to wastes which are generated, used, neutralised, disposed transferred from third parties or received from third parties.</p> <p>The procedure does not apply to accounting in relation to radioactive, biological, medicinal wastes, to harmful emissions or to harmful discharge into water bodies.</p>
Ministerial Order 'On the adoption of statistical instruments for organising the monitoring of domestic waste production'		No. 17 of 28.01.2011	This order denotes the annual statistical monitoring form No. 2 –TP (wastes) 'Information on generation, use, neutralisation, transportation and disposal of domestic wastes'
Ministerial Order 'On the adoption of hazardous waste passport/datasheet'		No. 785 of 02.12.2002	This order denotes hazardous waste documentation and instruction on completion of forms.
Ministerial Order 'On the adoption of the Federal Classificatory Catalogue of Wastes'		No. 786 of 02.12.2002	This order sets the Federal classification catalogue of wastes (with hazard classifications).
Hygienic requirements to placing and neutralization of production wastes and consumption		SanPiN 2.1.7.1322-03	These sanitary rules establish hygienic requirements for the location, design, applied technology, regime of operation and reclamation of waste disposal sites.

Topic Covered	Legislation	Legislation Number and Date	Relevance to Project
	Government Enactment on 'The statement of rules of the reference with production wastes and consumption regarding lighting devices, electric lamps, the life trespass, to health of citizens, harm to animals, plants and environment can entail inadequate gathering, accumulation, use, neutralization, transportation	No. 681 of 03.09.2010	This document specifies the procedure for handling waste electrical lamps containing mercury; the requirements for accumulation and storage of waste lamps on-site; and, requirements for waste lamp transportation, treatment and disposal.
Water Use	Federal Law 'On Russian EEZ, Territorial Waters and Adjacent Offshore Areas of the Russian Federation'	No. 155-FZ of 31.07.1998 as last amended by Law No. 331-FZ dated 21.11.2011	In Chapter 37 of this law, it sets out a prohibition on waste dumping and discharge of hazardous substances into territorial waters; and specifies the terms 'waste dumping' and 'hazardous substances'.
	Federal Law 'On the Continental Shelf of the Russian Federation'	No. 187-FZ of 30.11.1995	This law details general requirements for activities on the continental shelf (including protection of the continental shelf associated with waste disposal, operation and construction of underwater cable and pipelines etc.) and sets out a number of permitting procedures. For example chapters 34-35 set out requirements to obtaining permits / approval for disposal of waste and other materials on the continental shelf.
	Federal Law 'On Exclusive Economic Zone of the Russian Federation'	No. 191-FZ of 17.12.1998	This law defines the status of the Exclusive Economic Zone (EEZ) of the Russian Federation, its boundaries, the rights of the Russian Federation in the EEZ, rights and obligations of foreign states in the EEZ, fishing in the EEZ, etc.
	Government Enactment 'On rules for drafting a decision on a water body's allocation for use'	No. 884 of 30.12.2006	This enactment determines the rules for drafting a decision based on the allocation of a water body for use.

Topic Covered	Legislation	Legislation Number and Date	Relevance to Project
Order 'On the adoption of statistical instruments for organising the federal statistical monitoring of water use'		No. 230 of 19.10.2009	This order states the instructions for completing annual federal statistical monitoring No. 2-TP (water use) 'Data on water use'.
Russian Federation Government Enactment 'On procedures for the adoption of permissible standards of substances and microorganisms discharge into water bodies for users of the water bodies'		No. 469 of 23.07.2007	This enactment states that permissible standards for discharge into water bodies is adopted by the Federal Agency of Water Resources on approval by the Federal Service for Hydrometeorology and Environmental Monitoring, the Federal Service for Consumers' Rights' Protection and Human Welfare Supervision and the Federal Service for Nature Management Supervision.
Ministerial Order 'On Methodological instructive regulations for development of standards of permissible impact on water bodies'		No. 328 of 12.12.2007	This order sets the regulations for development of permissible impacts on water bodies to be used by the Federal Agency for Water Resources and its territorial branches, the federal authorities involved in development of standards of permissible impact on water bodies, and also by other authorities and organisations.
Order 'On approval of the water quality of water bodies allotted for fishing'		No. 20 of 18.01.2010	This order by the Federal Agency for Fisheries includes standards for maximum permissible concentrations of harmful substances in water bodies where fishing takes place.
Ministerial Order 'On the adoption of Methods for developing permissible standards of substances' and microorganisms' discharge into water bodies for users of the water bodies'		No. 333 of 17.12.2007	This order sets permissible standards of discharge which are established for water bodies used for commercial or other activities.
Water Code of the Russian Federation		No 74-FZ of 03.06.2006	This law establishes the legal basis for water body use and protection. It regulates use and protection for ensuring water quality for the public is not adversely affected; and surface and groundwater quality is maintained.

Topic Covered	Legislation	Legislation Number and Date	Relevance to Project
	Ministerial Order 'On the adoption of procedures for accounting of water resources'	No. 205 of 08.07.2009	This order sets out the procedure for determining the consequence of actions to be undertaken to withdraw or discharge into water bodies.
	Sanitary requirements for surface waters protection	SanPIN 2.1.5.980-00	<p>These rules and standards set hygienic requirements for:</p> <ul style="list-style-type: none"> • Water quality for water bodies of potable, domestic and recreational use; • Conditions of wastewater disposal into water bodies; and • Siting, design, construction, upgrade and operation of commercial and other entities capable of impacting surface water conditions, as well as requirements for organizing control over water quality of water bodies. <p>Requirements for these rules apply to all surface water bodies of the Russian Federation used or intended for use to meet the demands of the population, with exception of coastal sea waters.</p> <p>The rules are binding on all legal entities which activities in the territory of the Russian Federation are related to design, construction and operation of facilities, and also on organisations that carry out the state management and state control of waters' protection as established by law.</p>

Topic Covered	Legislation	Legislation Number and Date	Relevance to Project
Hygienic requirements quality of decentralized supply water. Sanitary control of water resources		SanPiN 2.1.4.1175-02	<p>These rules and standards establish hygienic requirements for water quality of non-centralized water supply by selecting the location, equipment and maintenance of water withdrawal facilities and the adjacent territory.</p> <p>Non-centralised water supply is the use of water from underground sources for potable and household needs of the population with employment of various facilities and devices which are available for public or individual use without water delivery to the place of consumption.</p> <p>These rules are binding on legal entities, individual entrepreneurs and citizens.</p> <p>Control over observance of the rules is executed by centres for sanitary-epidemiological supervision in accordance with Provisions on the Service for the state Health and Welfare supervision of the Russian Federation.</p>

Topic Covered	Legislation	Legislation Number and Date	Relevance to Project
Potable water and water supply of inhabited area. Sanitary-hygienic zones of sources of water supplies		SanPiN 2.1.4.1110-02	<p>These rules and standards determine sanitary-epidemiological requirements to setting up and operation of Zones for Sanitary Protection (ZSP) of water supply sources and potable water supply lines.</p> <p>These sanitary rules are binding on legal entities, individual entrepreneurs and citizens.</p> <p>ZSP are established on all water supply lines regardless of whether they feed water from surface or subsurface sources.</p> <p>ZSP are set up within three belts: the first belt (exclusion area) accommodates the sites of water withdrawals, water supply facilities' sites and carrier canal. The purpose of this belt is protection of the water withdrawal point and water intake facilities from accidental or deliberate pollution and damage. The second and the third belts (limitation areas) include territory allocated for prevention of water sources' and water supply sources' pollution.</p> <p>Sanitary protection of water courses is provided with a sanitary protective strip.</p> <p>In each of the three belts and also within the sanitary protective strip, a special regime is established and a set of measures are identified which are aimed at the prevention of water quality degradation.</p>

Topic Covered	Legislation	Legislation Number and Date	Relevance to Project
	Maximum permissible concentration (MPC) in water bodies for household and urban use. Hygienic Regulations	SanPiN 2.1.5.1315-03	<p>These standards establish the maximum permissible concentrations (MPC) of chemical substances in water bodies of potable and household use and are valid in the entire territory of the Russian Federation.</p> <p>These standards apply to water from subsurface and surface sources used for centralised and non-centralised water supply of populations; for recreational, cultural and domestic water use; and, for potable water and water in the systems of hot water supply.</p> <p>The standards may be also used as one of the hygienic criteria of sea water use for the population.</p>

