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СОДЕРЖАНИЕ ТЯЖЁЛЫХ МЕТАЛЛОВ В КОМПОНЕНТАХ МАЛОЙ РЕКИ. НЕ ПОДВЕРЖЕННОЙ ВЛИЯНИЮ АНТРОПОГЕННОЙ ДЕЯТЕЛЬНОСТИ

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В статье рассмотрено содержание тяжелых метахлов в поверхностных водах, донных отхожениях и мышцах карася серебряного (Сагахлия авгана gibelio) из верховий реки Ольгохты. Результать проведенных забораторных исследований повазали, что содержание быогенных веществ (NR₂', NO₂', NO₃', PO₃') в воде реки не превышает предельно допустичес эменений. Тяжелые метахлы (Fe, Mn, Zn, Ph, Cu и Ni) в ретой воде, за исключением желега и марсанца, находится в пределах ПДК. Высокие концентрации Fe и Ni) в ретой воде, за исключением желега и марсанца, находится в пределам повышенное содержание цинка в донных отгожениях объясностью Бурешеской геохимической провиную. Повышенное содержание цинка в донных отгожениях объясность повышенной геохимической активностью данного метахла. Содержание тяждям метахлов в мышцах карася в верховых реки Ольгохты по сравнению с другими рексии России является одним из наиболее низках. Предпагажениеможением базывае всех базывае выпачаем карася серебряного можно счинать фоновыми для региона вследствие отсутствия автрополенной нагрузки на водоток.

Ключевые слова: река Ольсопта, тяжестые металы, поверпностные воды, донные отложения, карасы серебряний, Carassias auratus gibelio, Среднеамурская техненность.

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Высление

Использование водных ресурсов для удовлетворения нужд человека обычно сопровождается ухудшением их камества. Это выражется не только в изменении физико-химического состава вод, но и количественных и камественных характеристик гидробнонтов, населяющих водоёмы и водотоки [29]. Разные реки испытывают различную антропотенную нагрузку в зависимости от своего козяйственного нагрязения. Это может быть заборводы для нужд населения и хозяйства, сброс сточных вод предприятий и жилищно-коммунального комплекса, использование рек в качестве судоходных артерий, строительство гидротехнических инженерных сооружений и так далее [14, 34]. При исследовании рек, испытывающих антропогенную нагрузку, неизбежно встаёт вопрос о сравнении полученных результатов с фоновыми для данной местности значениями. Такими точками сравнения могут стать малые реки, не подверженные влиянию антропогенной деятельности [13].

Для экологической оценки состояния воды малых рек немаловажную роль роль играет информация о содержании различных элементов в гид-

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